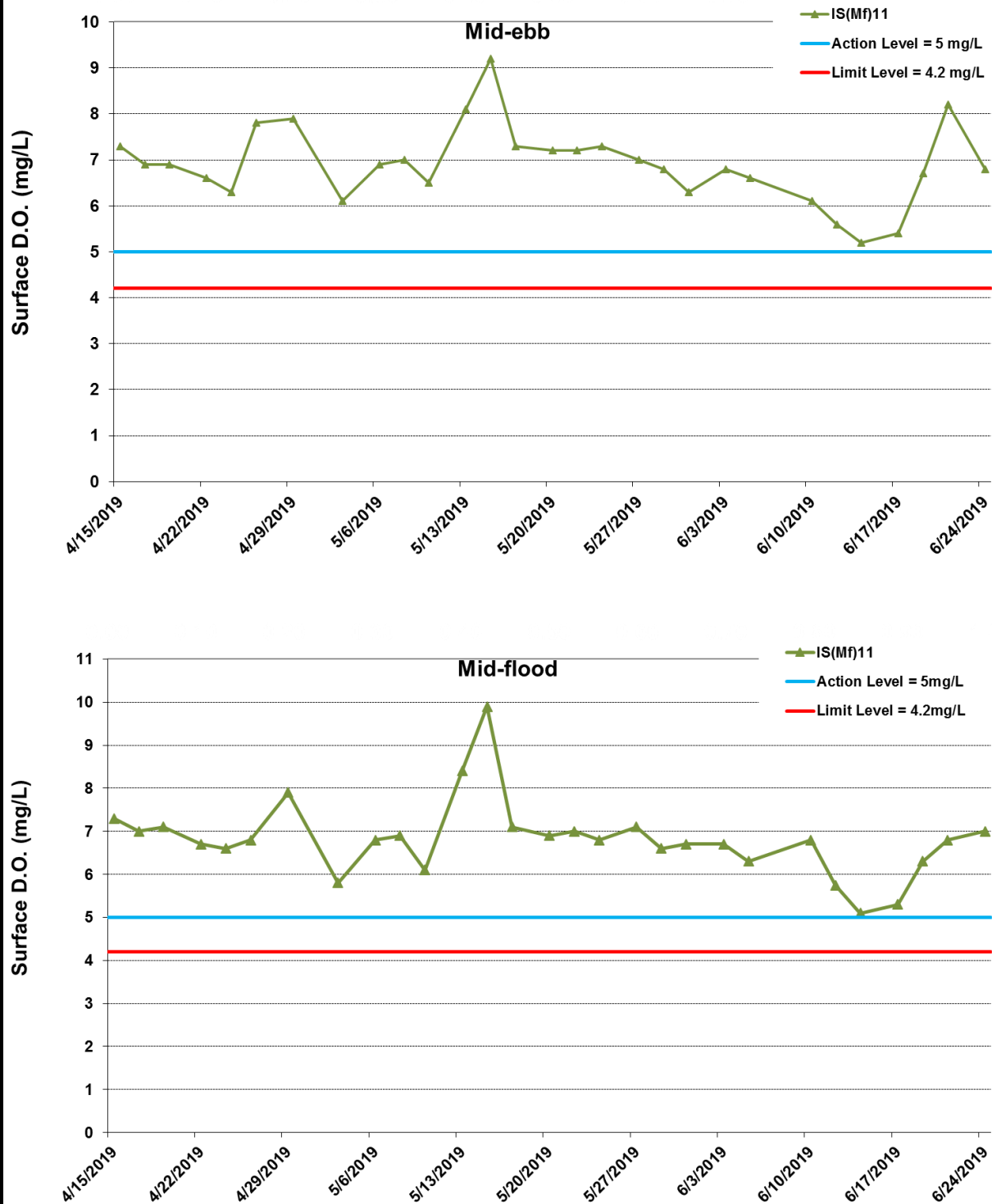


Appendix J

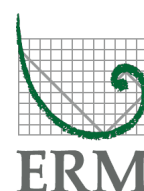
Impact Water Quality Monitoring Results



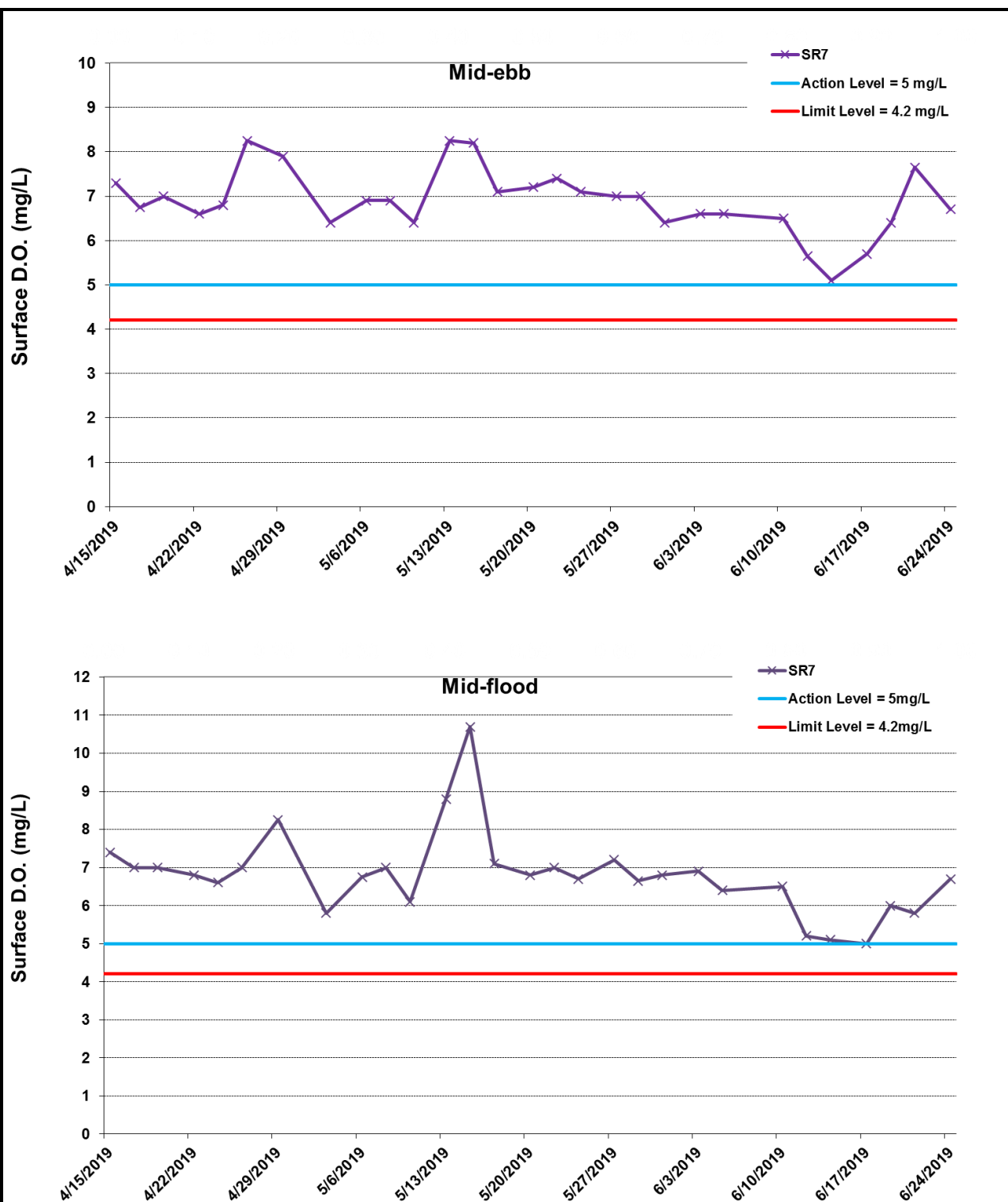
* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

Figure J1 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 15 April 2019 and 30 June 2019 at IS(Mf)11. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification works at Portion S-B, Jetty Removal at Portion S-C (15/4/2019 - 24/6/2019).



Ref: 0212330_Impact-WQM_June2019_graphs_Rev a.xls



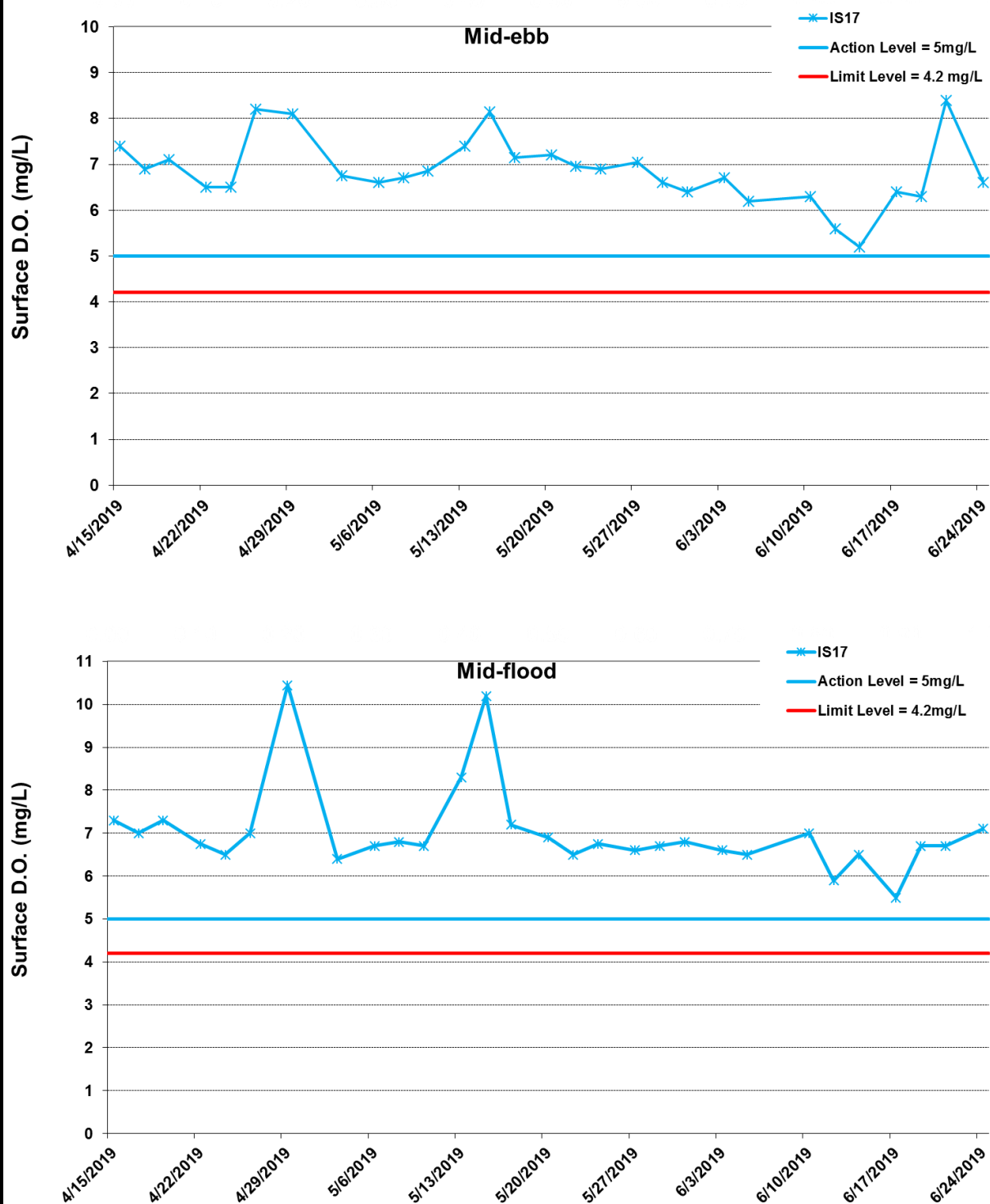
* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

Figure J2 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 15 April 2019 and 30 June 2019 at SR7. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification works at Portion S-B, Jetty Removal at Portion S-C (15/4/2019 - 24/6/2019).



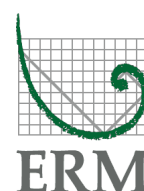
Ref: 0212330_Impact-WQM_June2019_graphs_Rev a.xls



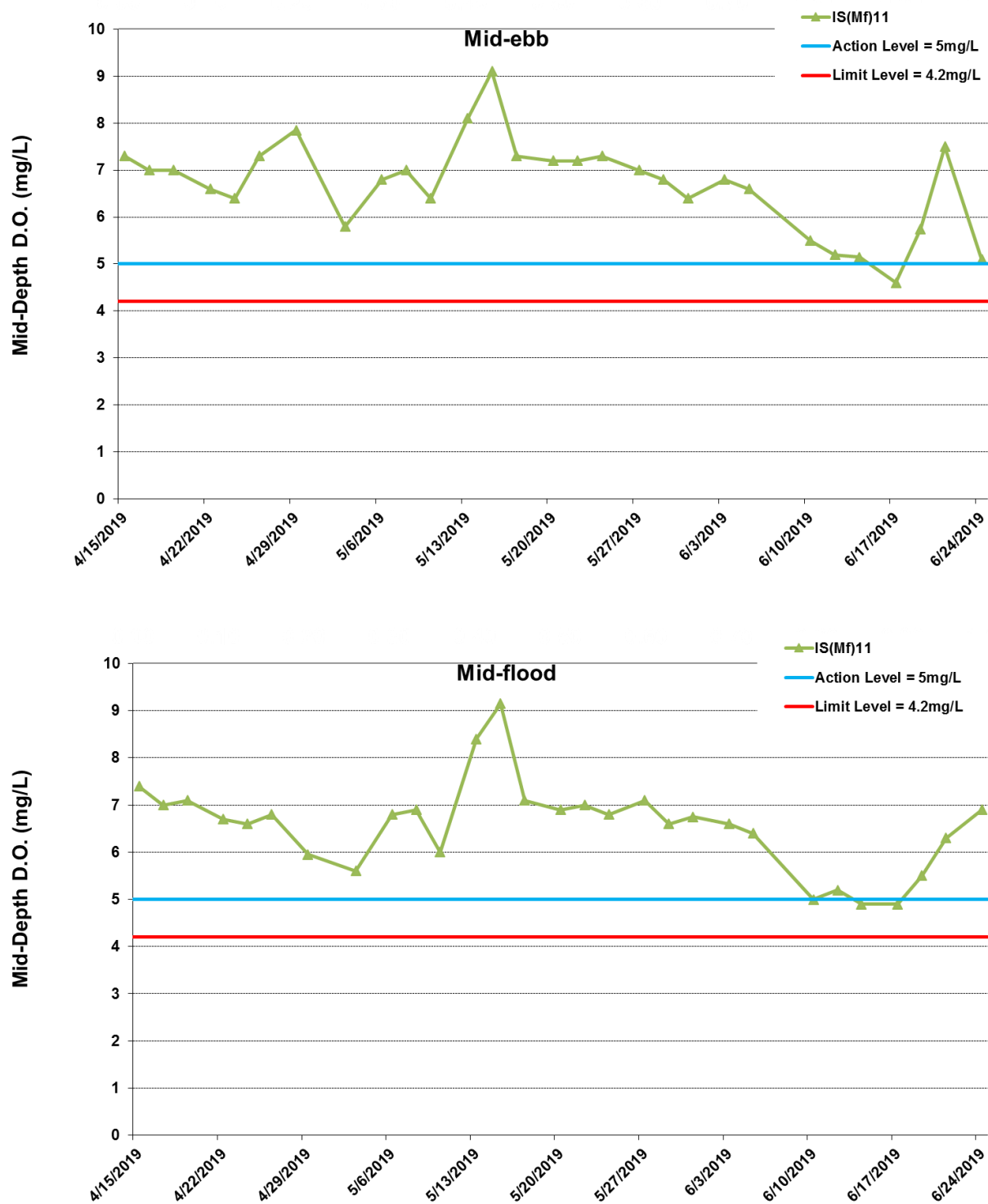
* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

Figure J3 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 15 April 2019 and 30 June 2019 at IS17. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification works at Portion S-B, Jetty Removal at Portion S-C (15/4/2019 - 24/6/2019).



Ref: 0212330_Impact-WQM_June2019_graphs_Rev a.xls



* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

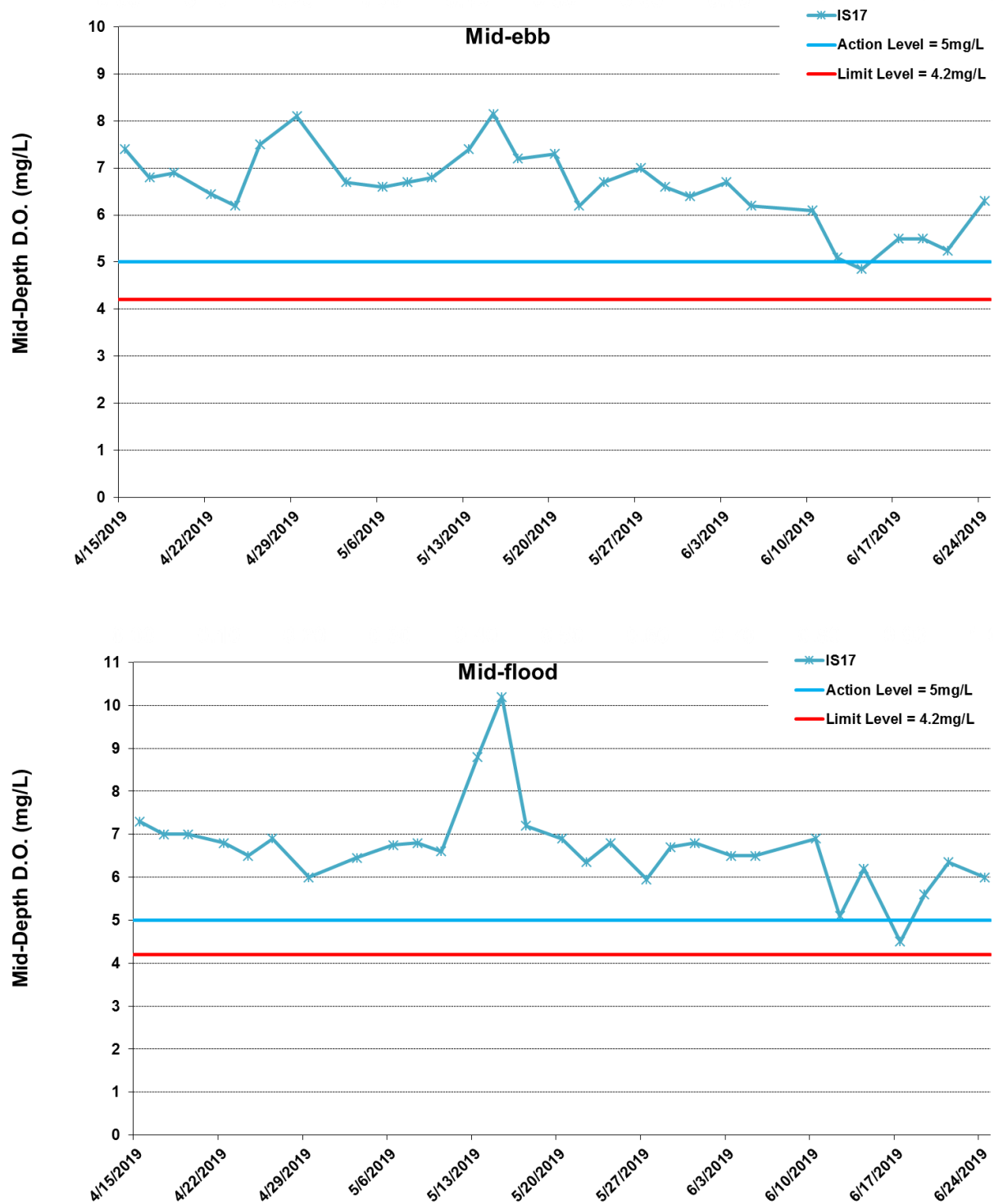
*No data for Stations SR7 due to shallow water depth (< 6m).

*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

Figure J4 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in mid-depth waters between 15 April 2019 and 30 June 2019 at IS(Mf)11. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification works at Portion S-B, Jetty Removal at Portion S-C (15/4/2019 - 24/6/2019).



Ref: 0212330_Impact-WQM_June2019_graphs_Rev a.xls



* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

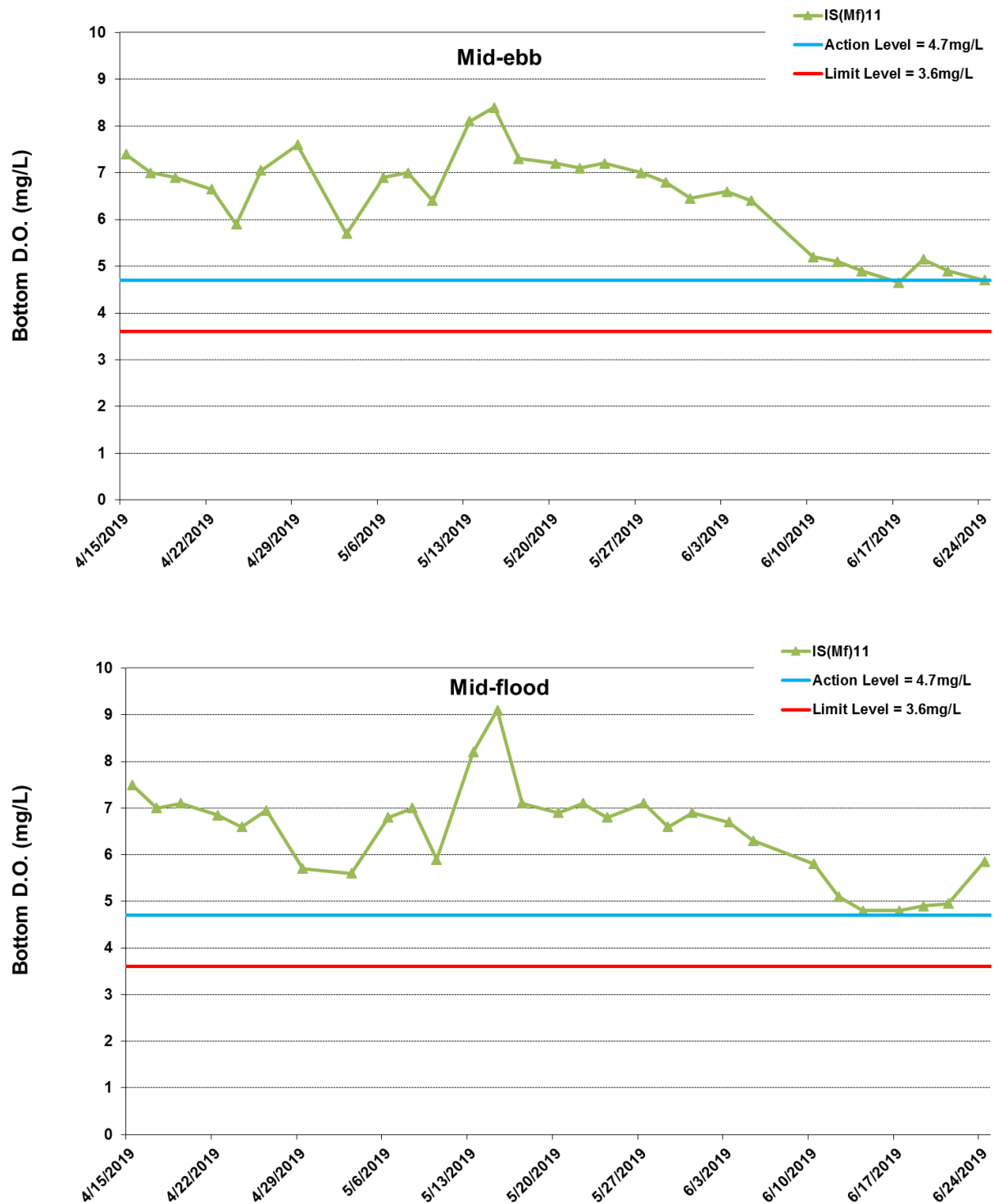
*No data for Stations SR7 due to shallow water depth (< 6m).

*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

Figure J5 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in mid-depth waters between 15 April 2019 and 30 June 2019 at IS17. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification works at Portion S-B, Jetty Removal at Portion S-C (15/4/2019 - 24/6/2019).



Ref: 0212330_Impact-WQM_June2019_graphs_Rev a.xls



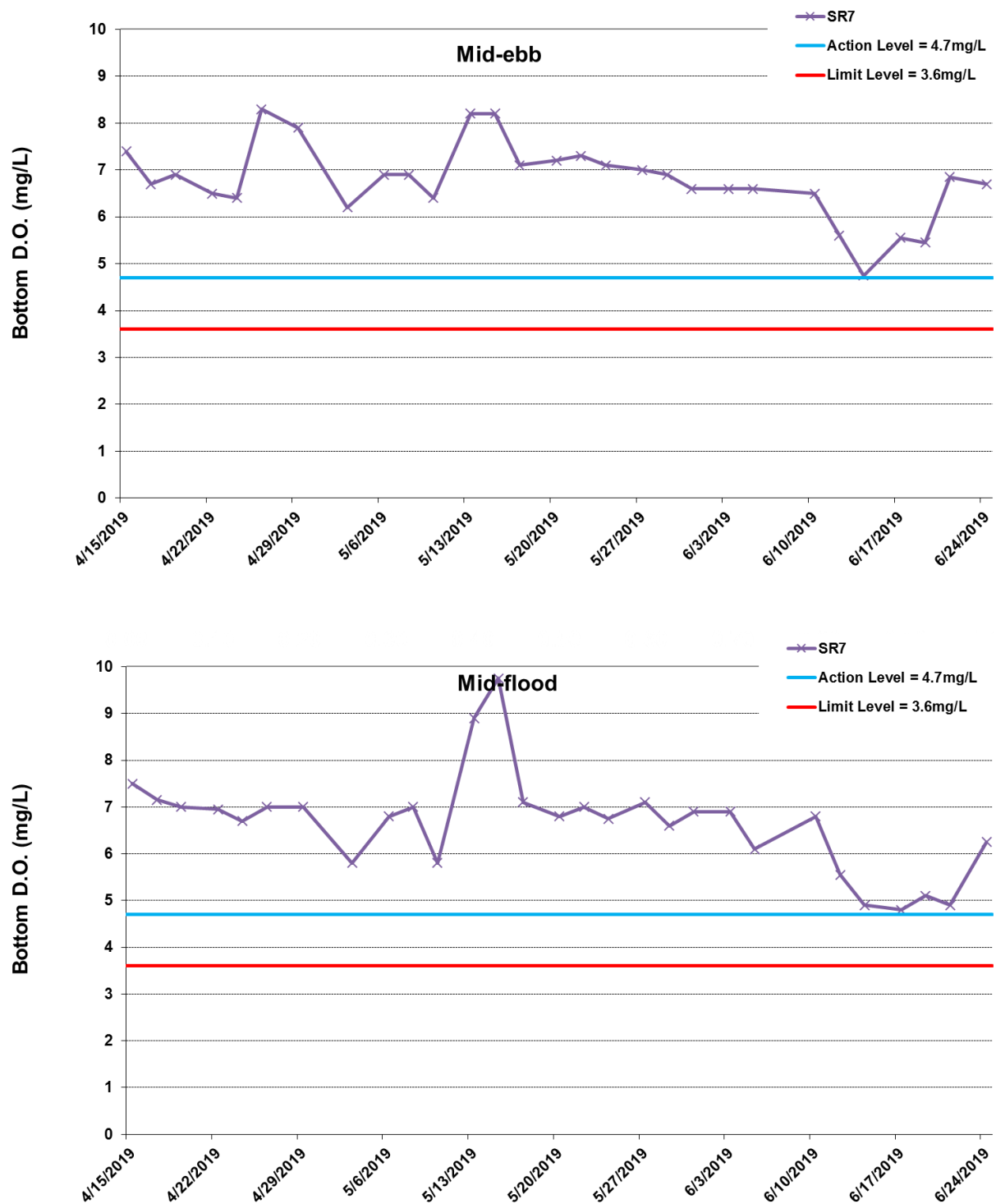
* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

Figure J6 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 15 April 2019 and 30 June 2019 at IS(Mf)11. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification works at Portion S-B, Jetty Removal at Portion S-C (15/4/2019 - 24/6/2019).



Ref: 0212330_Impact-WQM_June2019_graphs_Rev a.xls



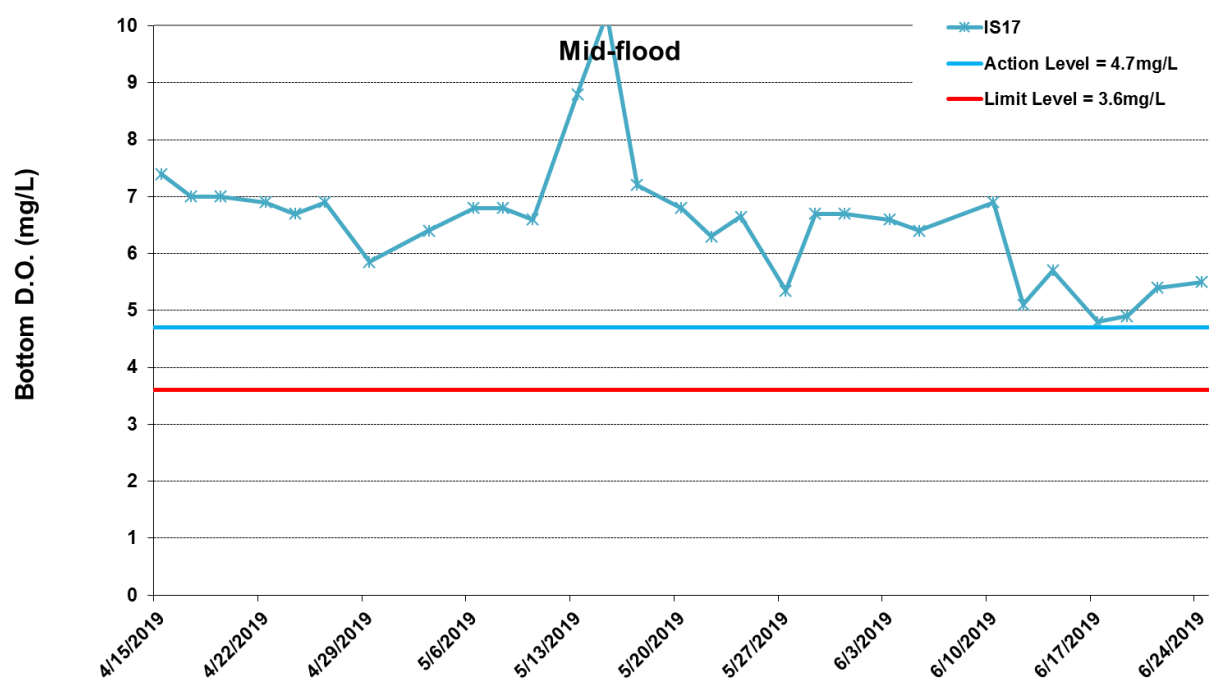
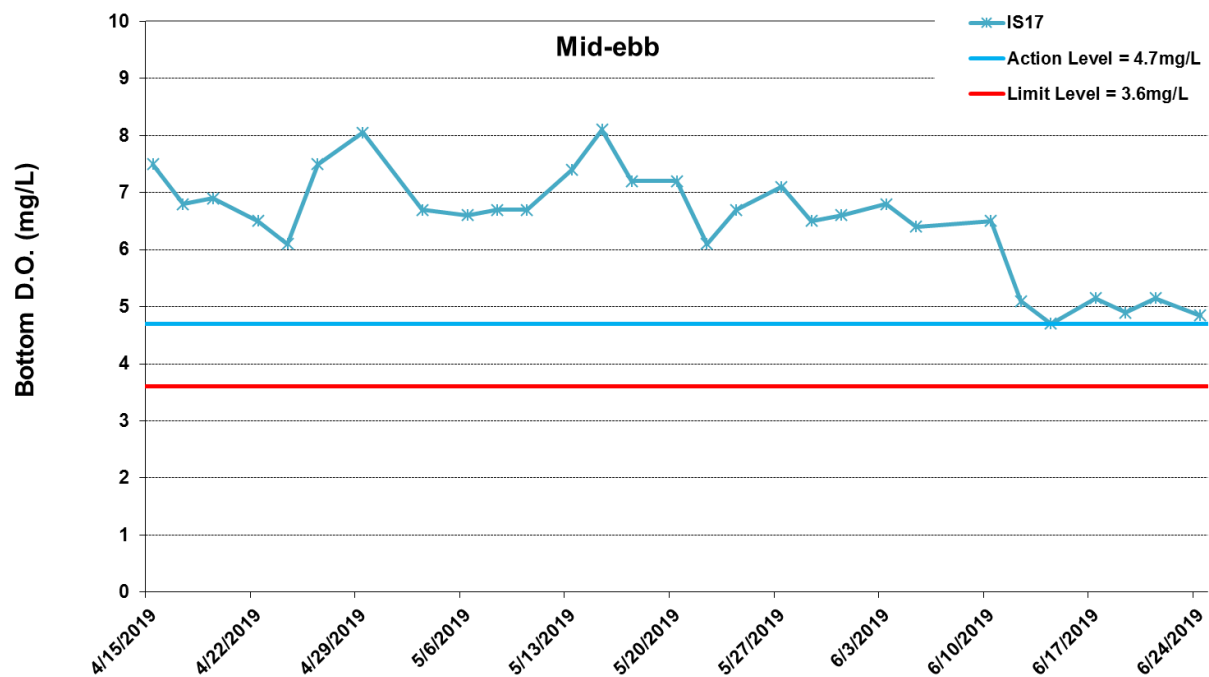
* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

Figure J7 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 15 April 2019 and 30 June 2019 at SR7. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification works at Portion S-B, Jetty Removal at Portion S-C (15/4/2019 - 24/6/2019).



Ref: 0212330_Impact-WQM_June2019_graphs_Rev a.xls



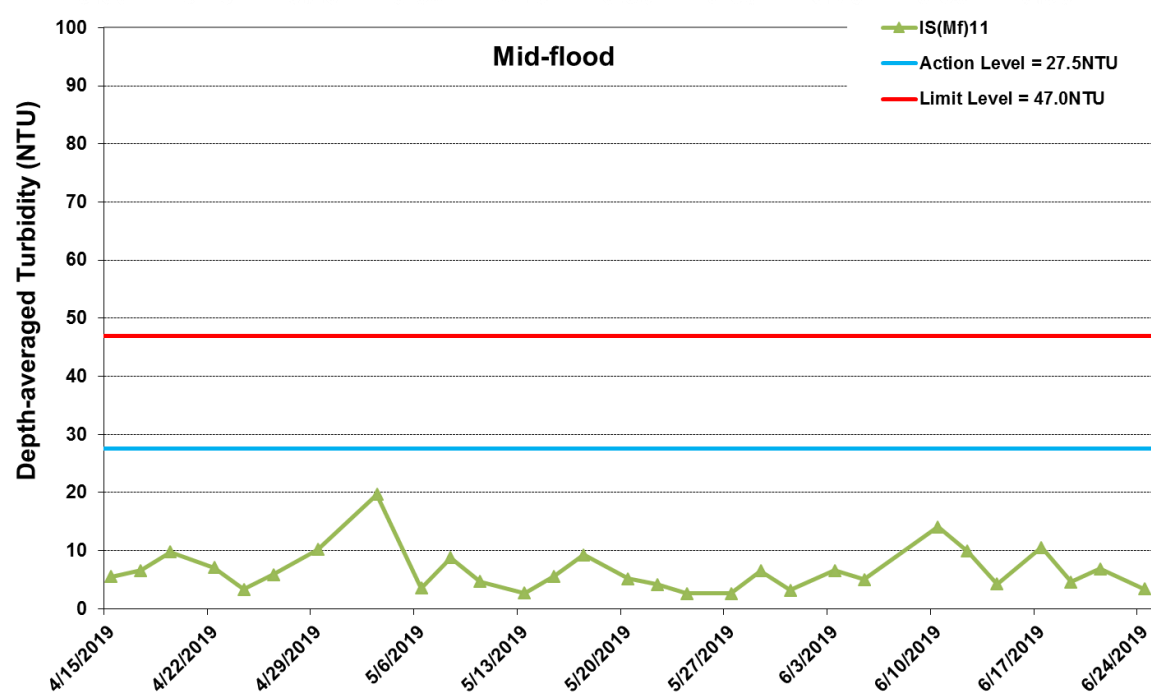
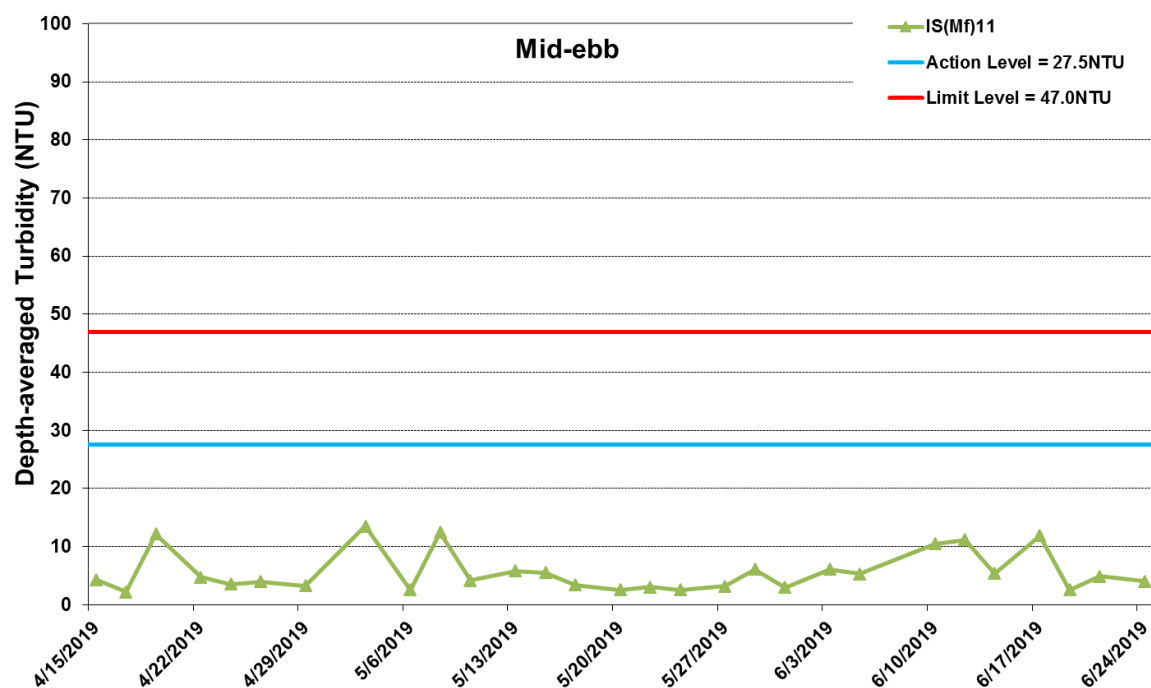
* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

Figure J8 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 15 April 2019 and 30 June 2019 at IS17. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification works at Portion S-B, Jetty Removal at Portion S-C (15/4/2019 - 24/6/2019).



Ref: 0212330_Impact-WQM_June2019_graphs_Rev a.xls

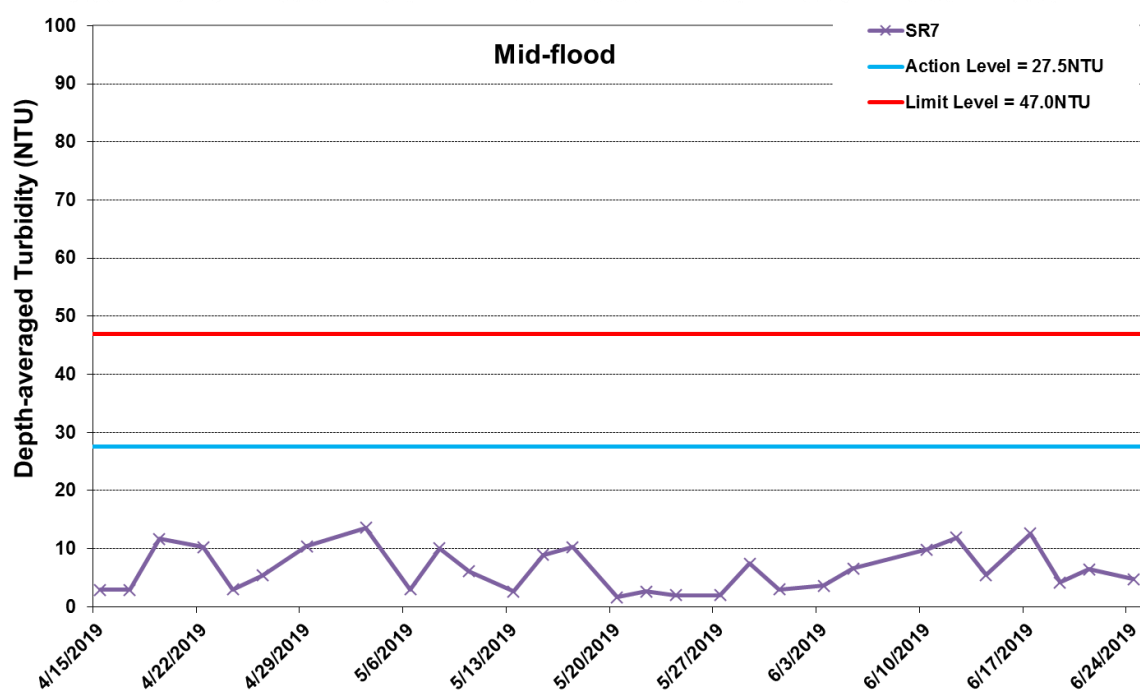
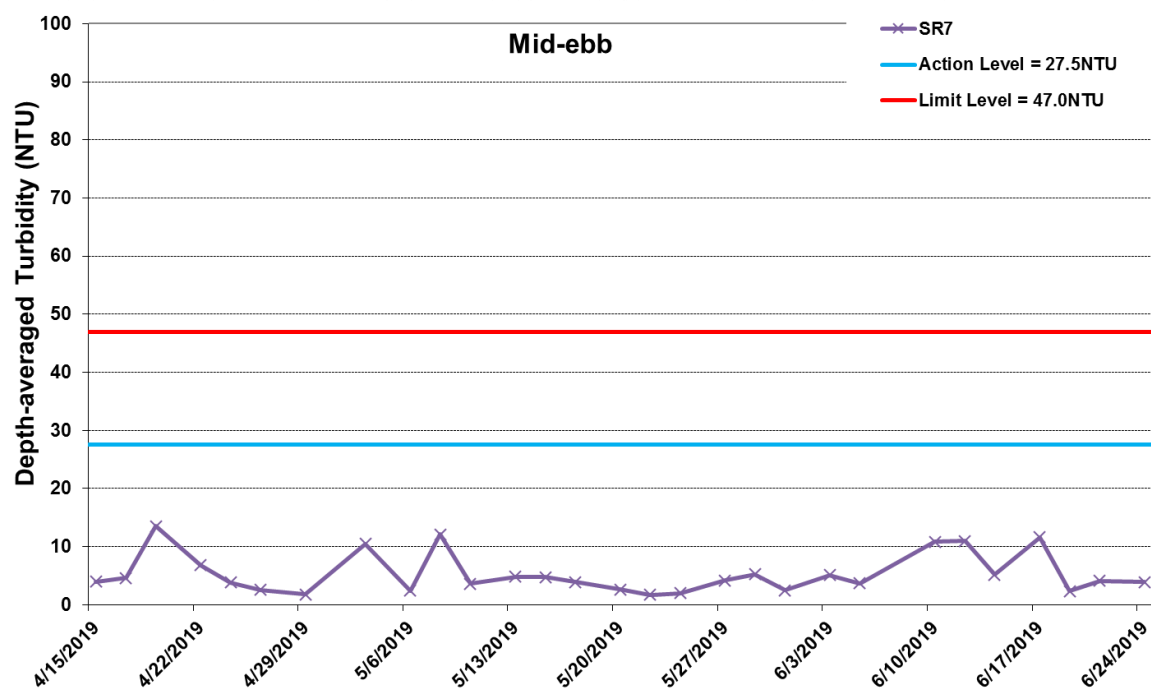


* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

Figure J9 Impact Monitoring - Mean Depth-averaged Level of Turbidity (NTU) between 15 April 2019 and 30 June 2019 at IS(Mf)11. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification works at Portion S-B, Jetty Removal at Portion S-C (15/4/2019 - 24/6/2019).



Ref: 0212330_Impact-WQM_June2019_graphs_Rev a.xls

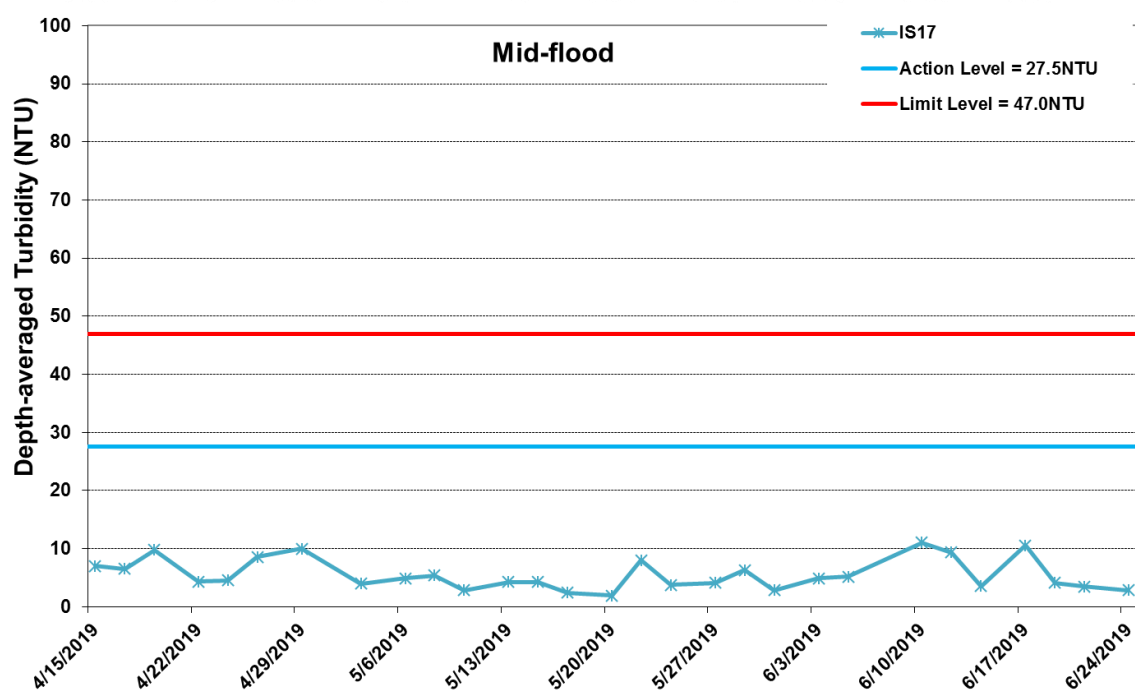
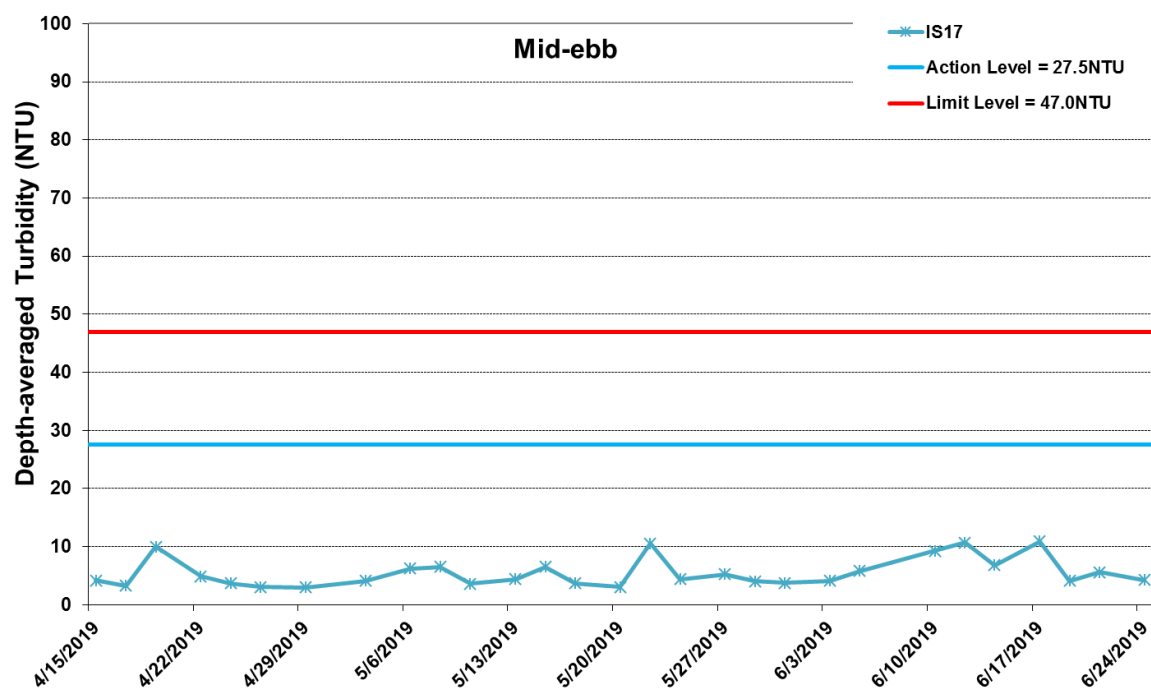


* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

Figure J10 Impact Monitoring - Mean Depth-averaged Level of Turbidity (NTU) between 15 April 2019 and 30 June 2019 at SR7. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification works at Portion S-B, Jetty Removal at Portion S-C (15/4/2019 - 24/6/2019).



Ref: 0212330_Impact-WQM_June2019_graphs_Rev a.xls

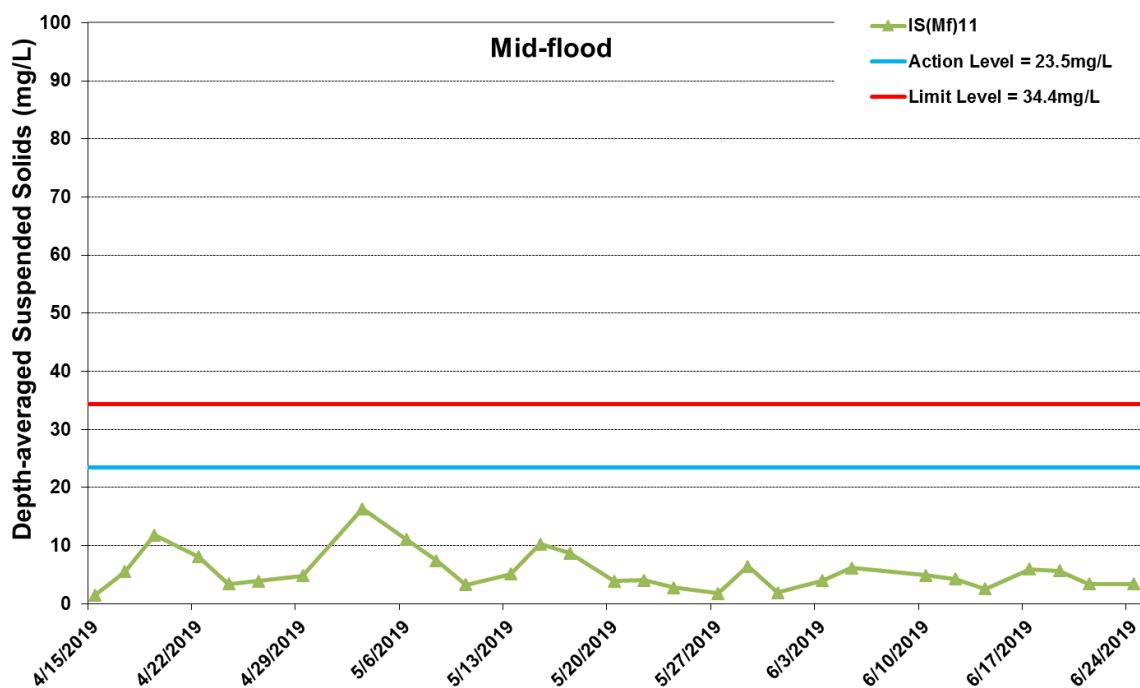
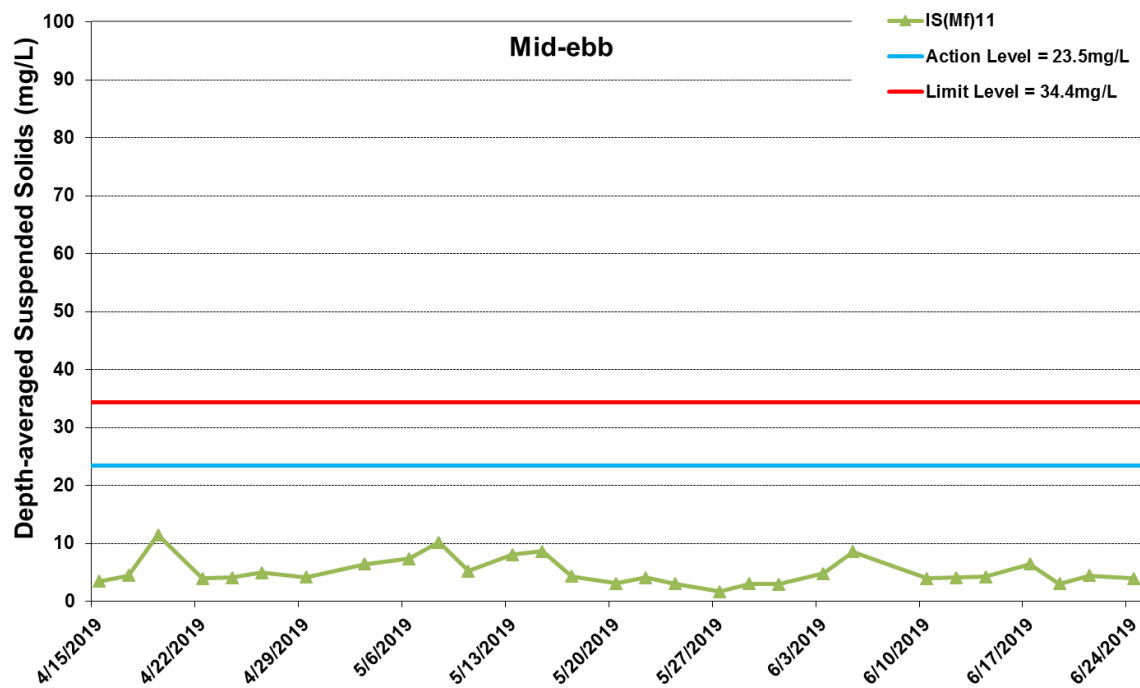


* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

Figure J11 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 15 April 2019 and 30 June 2019 at IS17. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification works at Portion S-B, Jetty Removal at Portion S-C (15/4/2019 – 24/6/2019).



Ref: 0212330_Impact-WQM_June2019_graphs_Rev a.xls

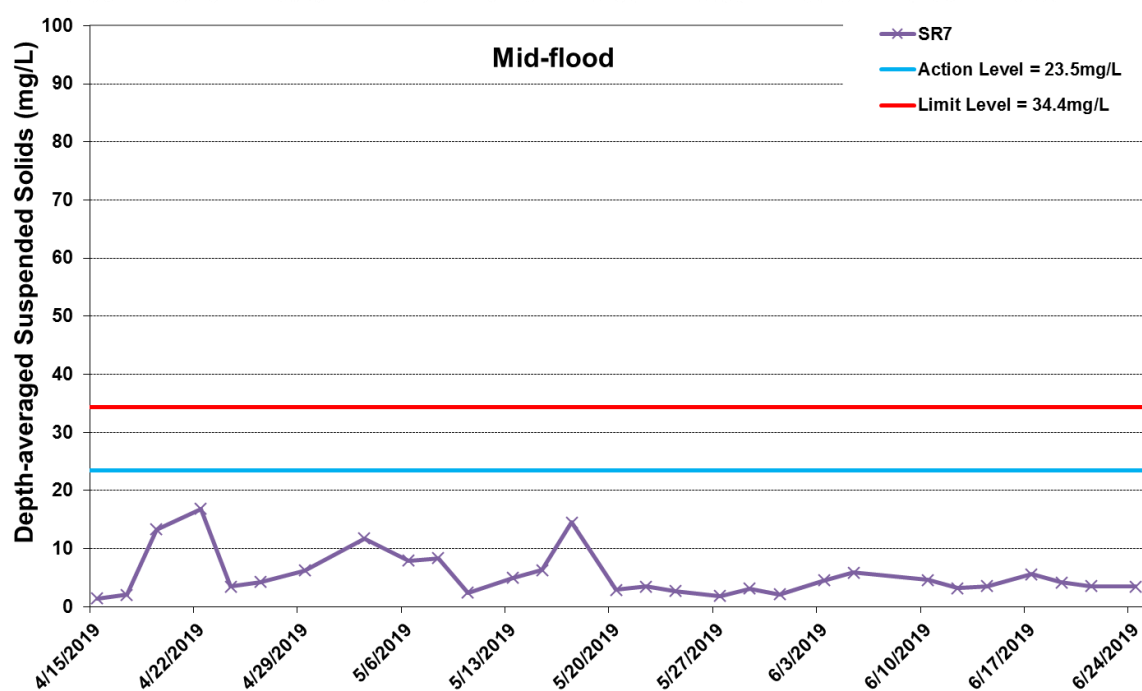
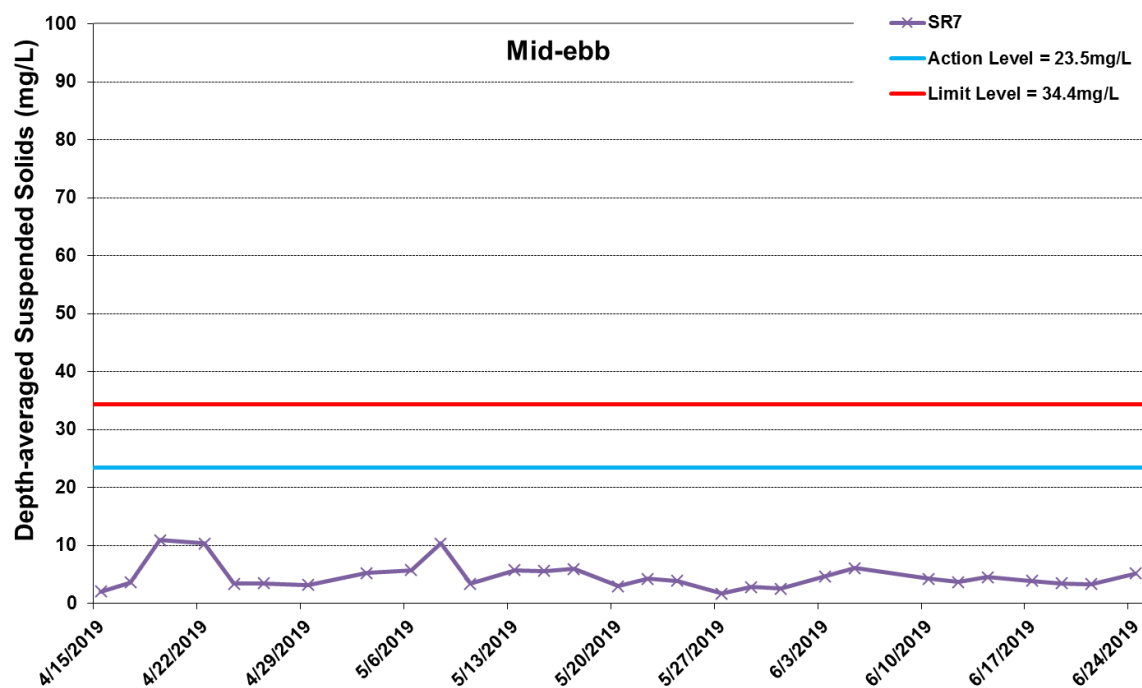


* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

Figure J12 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 15 April 2019 and 30 June 2019 at IS(Mf)11. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification works at Portion S-B, Jetty Removal at Portion S-C (15/4/2019 – 24/6/2019).

Ref: 0212330_Impact-WQM_June2019_graphs_Rev a.xls



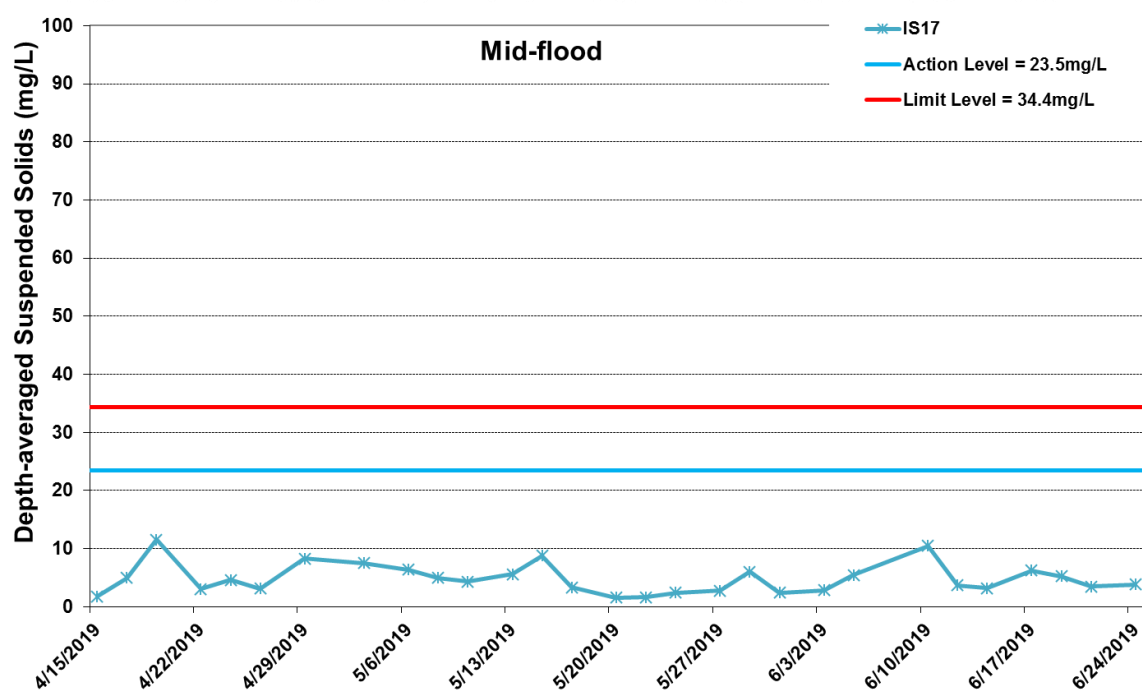
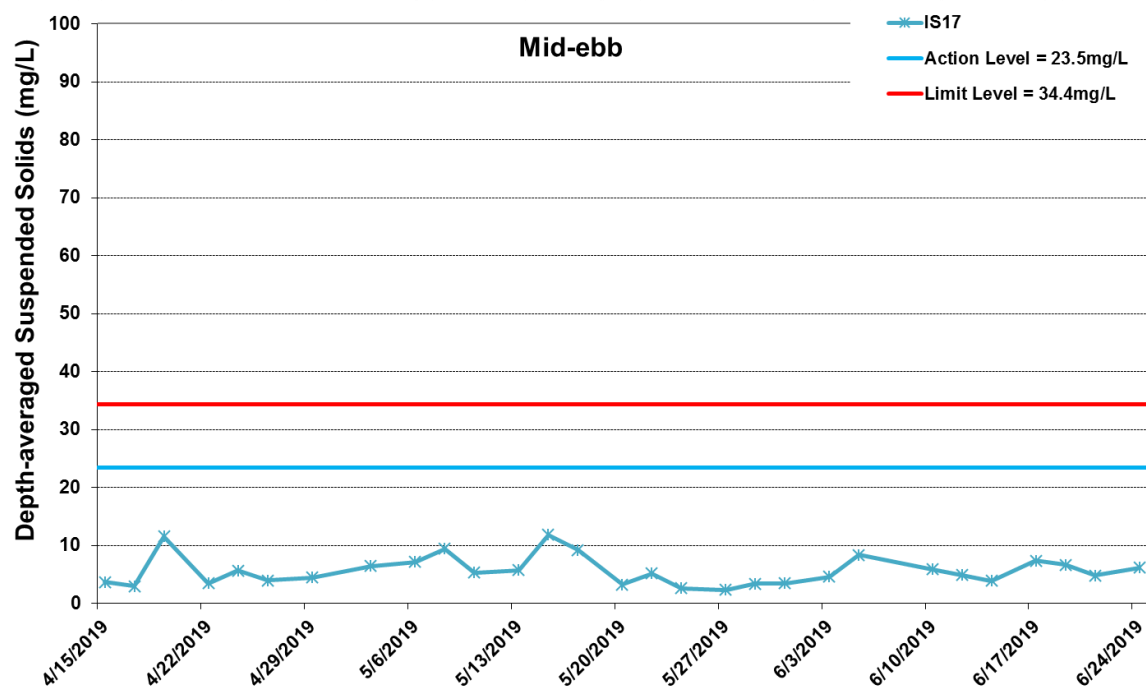


* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

Figure J13 Impact Monitoring - Mean Depth-averaged Level of Suspended Solids (mg/L) between 15 April 2019 and 30 June 2019 at SR7. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification works at Portion S-B, Jetty Removal at Portion S-C (15/4/2019 - 24/6/2019).



Ref: 0212330_Impact-WQM_June2019_graphs_Rev a.xls



* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

Figure J14 Impact Monitoring - Mean Depth-averaged Level of Suspended Solids (mg/L) between 15 April 2019 and 30 June 2019 at IS17. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification works at Portion S-B, Jetty Removal at Portion S-C (15/4/2019 - 24/6/2019).



Ref: 0212330_Impact-WQM_June2019_graphs_Rev a.xls

Project	Works	Date (yyyy-mm-dd)	Tide	Station	Start Time	Level	Lev_Cod	Replicate	Temperature (°C)	pH	Salinity (ppt)	DO (mg/L)	Average DO (mg/L)	Turbidity (NTU)	Depth-Averaged Turbidity	SS (mg/L)	Depth-Averaged SS
TMCLKL	HY/2012/08	2019/06/03	Mid-Ebb	IS(Mf)11	12:47	Surface	1	1	27.5	7.9	15.5	6.8	6.8	5.9	6.1	5.2	4.9
TMCLKL	HY/2012/08	2019/06/03	Mid-Ebb	IS(Mf)11	12:47	Surface	1	2	27.5	7.9	15.4	6.8		6.0		6.2	
TMCLKL	HY/2012/08	2019/06/03	Mid-Ebb	IS(Mf)11	12:47	Middle	2	1	27.1		15.5	6.8		6.4		4.0	
TMCLKL	HY/2012/08	2019/06/03	Mid-Ebb	IS(Mf)11	12:47	Middle	2	2	27.1	7.9	15.5	6.8	6.6	6.4		3.9	
TMCLKL	HY/2012/08	2019/06/03	Mid-Ebb	IS(Mf)11	12:47	Bottom	3	1	27.2	7.9	16.0	6.6		6.0		5.0	
TMCLKL	HY/2012/08	2019/06/03	Mid-Ebb	IS(Mf)11	12:47	Bottom	3	2	27.2	7.9	16.0	6.6		6.0		4.8	
TMCLKL	HY/2012/08	2019/06/03	Mid-Ebb	SR7	12:52	Surface	1	1	27.1	7.9	16.2	6.6	6.6	5.5	5.1	5.2	4.7
TMCLKL	HY/2012/08	2019/06/03	Mid-Ebb	SR7	12:52	Surface	1	2	27.1	7.9	16.2	6.6		5.4		4.7	
TMCLKL	HY/2012/08	2019/06/03	Mid-Ebb	SR7	12:52	Middle	2	1									
TMCLKL	HY/2012/08	2019/06/03	Mid-Ebb	SR7	12:52	Middle	2	2					6.6				
TMCLKL	HY/2012/08	2019/06/03	Mid-Ebb	SR7	12:52	Bottom	3	1	27.0	7.9	16.7	6.6		4.4		4.2	
TMCLKL	HY/2012/08	2019/06/03	Mid-Ebb	SR7	12:52	Bottom	3	2	27.0	7.9	16.2	6.6		5.2		4.7	
TMCLKL	HY/2012/08	2019/06/03	Mid-Ebb	IS17	11:45	Surface	1	1	27.3	7.9	15.7	6.7	6.7	4.7	4.1	3.7	4.6
TMCLKL	HY/2012/08	2019/06/03	Mid-Ebb	IS17	11:45	Surface	1	2	27.3	7.9	15.7	6.7		4.6		4.0	
TMCLKL	HY/2012/08	2019/06/03	Mid-Ebb	IS17	11:45	Middle	2	1	27.6	7.9	17.4	6.7		3.9		4.7	
TMCLKL	HY/2012/08	2019/06/03	Mid-Ebb	IS17	11:45	Middle	2	2	27.5	7.9	17.4	6.7	6.8	3.9		5.2	
TMCLKL	HY/2012/08	2019/06/03	Mid-Ebb	IS17	11:45	Bottom	3	1	27.9	8.0	16.7	6.8		3.8		4.8	
TMCLKL	HY/2012/08	2019/06/03	Mid-Ebb	IS17	11:45	Bottom	3	2	27.9	7.9	16.7	6.8		3.8		5.4	
TMCLKL	HY/2012/08	2019/06/03	Mid-flood	IS(Mf)11	6:05	Surface	1	1	26.5	7.9	16.6	6.7	6.7	4.6	6.6	3.7	4.0
TMCLKL	HY/2012/08	2019/06/03	Mid-flood	IS(Mf)11	6:05	Surface	1	2	26.5	7.9	16.6	6.7		4.5		3.4	
TMCLKL	HY/2012/08	2019/06/03	Mid-flood	IS(Mf)11	6:05	Middle	2	1	26.7	7.9	16.6	6.6		5.4		3.4	
TMCLKL	HY/2012/08	2019/06/03	Mid-flood	IS(Mf)11	6:05	Middle	2	2	26.6	7.9	16.6	6.6	6.7	5.2		3.3	
TMCLKL	HY/2012/08	2019/06/03	Mid-flood	IS(Mf)11	6:05	Bottom	3	1	26.7	7.9	17.4	6.7		9.9		4.6	
TMCLKL	HY/2012/08	2019/06/03	Mid-flood	IS(Mf)11	6:05	Bottom	3	2	26.7	7.9	17.4	6.7		9.9		5.4	
TMCLKL	HY/2012/08	2019/06/03	Mid-flood	SR7	5:55	Surface	1	1	26.4	7.9	16.5	6.9	6.9	4.0	3.7	4.7	4.5
TMCLKL	HY/2012/08	2019/06/03	Mid-flood	SR7	5:55	Surface	1	2	26.4	7.9	16.5	6.9		4.0		4.4	
TMCLKL	HY/2012/08	2019/06/03	Mid-flood	SR7	5:55	Middle	2	1									
TMCLKL	HY/2012/08	2019/06/03	Mid-flood	SR7	5:55	Middle	2	2					6.9				
TMCLKL	HY/2012/08	2019/06/03	Mid-flood	SR7	5:55	Bottom	3	1	26.4	7.9	16.5	6.9		3.3		4.1	
TMCLKL	HY/2012/08	2019/06/03	Mid-flood	SR7	5:55	Bottom	3	2	26.4	7.9	16.5	6.9		3.3		4.9	
TMCLKL	HY/2012/08	2019/06/03	Mid-flood	IS17	7:09	Surface	1	1	26.9	7.9	17.2	6.6	6.6	6.8	4.9	2.8	2.8
TMCLKL	HY/2012/08	2019/06/03	Mid-flood	IS17	7:09	Surface	1	2	26.9	7.9	17.3	6.6		6.9		2.5	
TMCLKL	HY/2012/08	2019/06/03	Mid-flood	IS17	7:09	Middle	2	1	26.8	7.9	17.3	6.5		3.2		3.4	
TMCLKL	HY/2012/08	2019/06/03	Mid-flood	IS17	7:09	Middle	2	2	26.9	7.9	17.3	6.5	6.6	3.2		2.8	
TMCLKL	HY/2012/08	2019/06/03	Mid-flood	IS17	7:09	Bottom	3	1	26.6	7.9	16.5	6.6		4.6		2.7	
TMCLKL	HY/2012/08	2019/06/03	Mid-flood	IS17	7:09	Bottom	3	2	26.6	7.9	16.5	6.6		4.5		2.8	

Note:

Indicates Ex 2017/11/01

Indicates Ex 2017/11/01

Project	Works	Date (yyyy-mm-dd)	Tide	Station	Start Time	Level	Lev_Cod	Replicate	Temperature (°C)	pH	Salinity (ppt)	DO (mg/L)	Average DO (mg/L)	Turbidity (NTU)	Depth-Averaged Turbidity	SS (mg/L)	Depth-Averaged SS
TMCLKL	HY/2012/08	2019/06/05	Mid-Ebb	IS(Mf)11	14:11	Surface	1	1	28.1	8.0	15.7	6.6	6.6	4.6	5.3	5.8	8.6
TMCLKL	HY/2012/08	2019/06/05	Mid-Ebb	IS(Mf)11	14:11	Surface	1	2	28.0	8.0	15.7	6.6		4.7		6.0	
TMCLKL	HY/2012/08	2019/06/05	Mid-Ebb	IS(Mf)11	14:11	Middle	2	1	27.9	8.0	15.9	6.6		4.4		7.6	
TMCLKL	HY/2012/08	2019/06/05	Mid-Ebb	IS(Mf)11	14:11	Middle	2	2	27.9	8.0	15.9	6.6	6.4	4.5		7.9	
TMCLKL	HY/2012/08	2019/06/05	Mid-Ebb	IS(Mf)11	14:11	Bottom	3	1	27.7	8.0	17.5	6.4		6.7		11.8	
TMCLKL	HY/2012/08	2019/06/05	Mid-Ebb	IS(Mf)11	14:11	Bottom	3	2	27.7	8.0	17.5	6.4		6.8		12.2	
TMCLKL	HY/2012/08	2019/06/05	Mid-Ebb	SR7	14:17	Surface	1	1	28.4	8.0	15.7	6.6	6.6	3.7	3.7	6.3	6.1
TMCLKL	HY/2012/08	2019/06/05	Mid-Ebb	SR7	14:17	Surface	1	2	28.3	8.0	15.7	6.6		3.7		6.0	
TMCLKL	HY/2012/08	2019/06/05	Mid-Ebb	SR7	14:17	Middle	2	1									
TMCLKL	HY/2012/08	2019/06/05	Mid-Ebb	SR7	14:17	Middle	2	2					6.6				
TMCLKL	HY/2012/08	2019/06/05	Mid-Ebb	SR7	14:17	Bottom	3	1	28.3	8.0	15.8	6.6		3.7		5.8	
TMCLKL	HY/2012/08	2019/06/05	Mid-Ebb	SR7	14:17	Bottom	3	2	28.3	8.0	15.8	6.6		3.7		6.3	
TMCLKL	HY/2012/08	2019/06/05	Mid-Ebb	IS17	13:12	Surface	1	1	27.7	8.0	17.5	6.2	6.2	5.9	5.8	9.3	8.3
TMCLKL	HY/2012/08	2019/06/05	Mid-Ebb	IS17	13:12	Surface	1	2	27.7	8.0	17.5	6.2		6.0		8.9	
TMCLKL	HY/2012/08	2019/06/05	Mid-Ebb	IS17	13:12	Middle	2	1	27.7	8.0	17.6	6.2		6.5		8.1	
TMCLKL	HY/2012/08	2019/06/05	Mid-Ebb	IS17	13:12	Middle	2	2	27.7	8.0	17.6	6.2	6.4	6.4		8.4	
TMCLKL	HY/2012/08	2019/06/05	Mid-Ebb	IS17	13:12	Bottom	3	1	27.8	8.0	17.4	6.4		4.8		7.7	
TMCLKL	HY/2012/08	2019/06/05	Mid-Ebb	IS17	13:12	Bottom	3	2	27.8	8.0	17.4	6.4		5.1		7.6	
TMCLKL	HY/2012/08	2019/06/05	Mid-flood	IS(Mf)11	7:09	Surface	1	1	27.3	8.0	16.3	6.3	6.4	4.1	5.0	5.0	6.2
TMCLKL	HY/2012/08	2019/06/05	Mid-flood	IS(Mf)11	7:09	Surface	1	2	27.3	8.0	16.3	6.3		4.1		5.4	
TMCLKL	HY/2012/08	2019/06/05	Mid-flood	IS(Mf)11	7:09	Middle	2	1	27.2	8.0	17.0	6.4		5.7		6.5	
TMCLKL	HY/2012/08	2019/06/05	Mid-flood	IS(Mf)11	7:09	Middle	2	2	27.2	8.0	17.0	6.4	6.3	5.9		6.7	
TMCLKL	HY/2012/08	2019/06/05	Mid-flood	IS(Mf)11	7:09	Bottom	3	1	27.2	8.0	17.2	6.3		5.2		6.8	
TMCLKL	HY/2012/08	2019/06/05	Mid-flood	IS(Mf)11	7:09	Bottom	3	2	27.2	8.0	17.2	6.3		5.2		6.6	
TMCLKL	HY/2012/08	2019/06/05	Mid-flood	SR7	6:59	Surface	1	1	27.2	8.0	15.5	6.4	6.4	7.8	6.6	5.7	5.9
TMCLKL	HY/2012/08	2019/06/05	Mid-flood	SR7	6:59	Surface	1	2	27.2	8.0	15.5	6.4		7.5		5.8	
TMCLKL	HY/2012/08	2019/06/05	Mid-flood	SR7	6:59	Middle	2	1									
TMCLKL	HY/2012/08	2019/06/05	Mid-flood	SR7	6:59	Middle	2	2					6.1				
TMCLKL	HY/2012/08	2019/06/05	Mid-flood	SR7	6:59	Bottom	3	1	27.2	8.0	16.0	6.1		5.5		5.8	
TMCLKL	HY/2012/08	2019/06/05	Mid-flood	SR7	6:59	Bottom	3	2	27.2	8.0	16.0	6.1		5.5		6.2	
TMCLKL	HY/2012/08	2019/06/05	Mid-flood	IS17	8:13	Surface	1	1	28.5	8.0	15.4	6.5	6.5	6.2	5.2	5.1	5.5
TMCLKL	HY/2012/08	2019/06/05	Mid-flood	IS17	8:13	Surface	1	2	28.6	8.0	15.4	6.5		6.1		5.4	
TMCLKL	HY/2012/08	2019/06/05	Mid-flood	IS17	8:13	Middle	2	1	27.6	8.1	15.4	6.5		4.1		5.3	
TMCLKL	HY/2012/08	2019/06/05	Mid-flood	IS17	8:13	Middle	2	2	27.6	8.1	15.5	6.5	6.4	4.0		5.1	
TMCLKL	HY/2012/08	2019/06/05	Mid-flood	IS17	8:13	Bottom	3	1	27.5	8.1	17.6	6.4		5.3		5.9	
TMCLKL	HY/2012/08	2019/06/05	Mid-flood	IS17	8:13	Bottom	3	2	27.5	8.1	17.6	6.4		5.3		5.9	

Note:

Indicates Ex 2017/11/01

Indicates Ex 2017/11/01

Project	Works	Date (yyyy-mm-dd)	Tide	Station	Start Time	Level	Lev_Cod	Replicate	Temperature (°C)	pH	Salinity (ppt)	DO (mg/L)	Average DO (mg/L)	Turbidity (NTU)	Depth-Averaged Turbidity	SS (mg/L)	Depth-Averaged SS
TMCLKL	HY/2012/08	2019/06/10	Mid-Ebb	IS(Mf)11	7:06	Surface	1	1	28.8	7.9	11.5	6.1	5.8	10.5	10.5	3.5	4.0
TMCLKL	HY/2012/08	2019/06/10	Mid-Ebb	IS(Mf)11	7:06	Surface	1	2	28.8	7.9	11.5	6.1		10.5		4.0	
TMCLKL	HY/2012/08	2019/06/10	Mid-Ebb	IS(Mf)11	7:06	Middle	2	1	28.3	7.9	13.5	5.5		10.6		3.5	
TMCLKL	HY/2012/08	2019/06/10	Mid-Ebb	IS(Mf)11	7:06	Middle	2	2	28.3	7.9	13.5	5.5	5.2	10.6		4.3	
TMCLKL	HY/2012/08	2019/06/10	Mid-Ebb	IS(Mf)11	7:06	Bottom	3	1	27.4	7.9	23.9	5.2		10.3		3.9	
TMCLKL	HY/2012/08	2019/06/10	Mid-Ebb	IS(Mf)11	7:06	Bottom	3	2	27.4	7.9	23.9	5.2		10.3		4.6	
TMCLKL	HY/2012/08	2019/06/10	Mid-Ebb	SR7	6:57	Surface	1	1	28.9	8.0	10.8	6.5	6.5	10.3	10.9	5.0	4.3
TMCLKL	HY/2012/08	2019/06/10	Mid-Ebb	SR7	6:57	Surface	1	2	28.9	8.0	10.8	6.5		10.3		4.4	
TMCLKL	HY/2012/08	2019/06/10	Mid-Ebb	SR7	6:57	Middle	2	1									
TMCLKL	HY/2012/08	2019/06/10	Mid-Ebb	SR7	6:57	Middle	2	2					6.5				
TMCLKL	HY/2012/08	2019/06/10	Mid-Ebb	SR7	6:57	Bottom	3	1	28.9	8.1	11.6	6.5		11.4		3.4	
TMCLKL	HY/2012/08	2019/06/10	Mid-Ebb	SR7	6:57	Bottom	3	2	28.9	8.1	11.6	6.5		11.4		4.2	
TMCLKL	HY/2012/08	2019/06/10	Mid-Ebb	IS17	8:02	Surface	1	1	28.4	8.0	16.7	6.3	6.2	9.6	9.3	6.6	5.9
TMCLKL	HY/2012/08	2019/06/10	Mid-Ebb	IS17	8:02	Surface	1	2	28.4	8.0	16.7	6.3		9.5		5.5	
TMCLKL	HY/2012/08	2019/06/10	Mid-Ebb	IS17	8:02	Middle	2	1	28.2	8.0	18.4	6.1		8.5		5.1	
TMCLKL	HY/2012/08	2019/06/10	Mid-Ebb	IS17	8:02	Middle	2	2	28.2	8.0	18.4	6.1	6.5	8.2		6.0	
TMCLKL	HY/2012/08	2019/06/10	Mid-Ebb	IS17	8:02	Bottom	3	1	28.3	7.9	21.7	6.5		9.9		6.9	
TMCLKL	HY/2012/08	2019/06/10	Mid-Ebb	IS17	8:02	Bottom	3	2	28.3	7.9	21.7	6.5		10.1		5.0	
TMCLKL	HY/2012/08	2019/06/10	Mid-flood	IS(Mf)11	12:05	Surface	1	1	28.9	7.8	13.7	6.8	5.9	11.2	14.1	5.1	4.9
TMCLKL	HY/2012/08	2019/06/10	Mid-flood	IS(Mf)11	12:05	Surface	1	2	28.9	7.8	13.7	6.8		11.2		4.1	
TMCLKL	HY/2012/08	2019/06/10	Mid-flood	IS(Mf)11	12:05	Middle	2	1	27.3	7.7	22.1	5.0		15.2		5.3	
TMCLKL	HY/2012/08	2019/06/10	Mid-flood	IS(Mf)11	12:05	Middle	2	2	27.3	7.7	22.1	5.0	5.8	15.1		4.8	
TMCLKL	HY/2012/08	2019/06/10	Mid-flood	IS(Mf)11	12:05	Bottom	3	1	27.5	7.8	24.5	5.8		16.0		4.8	
TMCLKL	HY/2012/08	2019/06/10	Mid-flood	IS(Mf)11	12:05	Bottom	3	2	27.5	7.8	24.5	5.8		16.0		5.3	
TMCLKL	HY/2012/08	2019/06/10	Mid-flood	SR7	12:12	Surface	1	1	28.9	7.8	13.6	6.5	6.5	10.1	9.9	4.3	4.6
TMCLKL	HY/2012/08	2019/06/10	Mid-flood	SR7	12:12	Surface	1	2	28.9	7.8	13.6	6.5		10.1		5.7	
TMCLKL	HY/2012/08	2019/06/10	Mid-flood	SR7	12:12	Middle	2	1									
TMCLKL	HY/2012/08	2019/06/10	Mid-flood	SR7	12:12	Middle	2	2					6.8				
TMCLKL	HY/2012/08	2019/06/10	Mid-flood	SR7	12:12	Bottom	3	1	29.1	7.8	13.6	6.8		9.6		3.6	
TMCLKL	HY/2012/08	2019/06/10	Mid-flood	SR7	12:12	Bottom	3	2	29.1	7.8	13.6	6.8		9.6		4.7	
TMCLKL	HY/2012/08	2019/06/10	Mid-flood	IS17	11:04	Surface	1	1	28.7	7.9	15.1	7.0	7.0	10.8	11.1	11.2	10.5
TMCLKL	HY/2012/08	2019/06/10	Mid-flood	IS17	11:04	Surface	1	2	28.7	7.9	15.1	7.0		10.8		12.1	
TMCLKL	HY/2012/08	2019/06/10	Mid-flood	IS17	11:04	Middle	2	1	28.6	7.9	15.6	6.9		11.3		11.2	
TMCLKL	HY/2012/08	2019/06/10	Mid-flood	IS17	11:04	Middle	2	2	28.6	7.9	15.6	6.9	6.9	11.3		11.8	
TMCLKL	HY/2012/08	2019/06/10	Mid-flood	IS17	11:04	Bottom	3	1	28.6	7.8	16.6	6.9		11.1		8.2	
TMCLKL	HY/2012/08	2019/06/10	Mid-flood	IS17	11:04	Bottom	3	2	28.6	7.8	16.6	6.9		11.1		8.5	

Note:

Indicates Ex 2017/11/01

Indicates Ex 2017/11/01

Project	Works	Date (yyyy-mm-dd)	Tide	Station	Start Time	Level	Lev_Cod	Replicate	Temperature (°C)	pH	Salinity (ppt)	DO (mg/L)	Average DO (mg/L)	Turbidity (NTU)	Depth-Averaged Turbidity	SS (mg/L)	Depth-Averaged SS
TMCLKL	HY/2012/08	2019/06/12	Mid-Ebb	IS(Mf)11	9:09	Surface	1	1	28.2	7.7	12.9	5.6	5.4	10.5	11.2	3.7	4.1
TMCLKL	HY/2012/08	2019/06/12	Mid-Ebb	IS(Mf)11	9:09	Surface	1	2	28.2	7.7	13.1	5.6		10.6		4.0	
TMCLKL	HY/2012/08	2019/06/12	Mid-Ebb	IS(Mf)11	9:09	Middle	2	1	27.8	7.7	18.5	5.2		11.4		4.1	
TMCLKL	HY/2012/08	2019/06/12	Mid-Ebb	IS(Mf)11	9:09	Middle	2	2	27.8	7.7	18.3	5.2	5.1	11.5		4.4	
TMCLKL	HY/2012/08	2019/06/12	Mid-Ebb	IS(Mf)11	9:09	Bottom	3	1	27.6	7.7	20.4	5.1		11.5		4.2	
TMCLKL	HY/2012/08	2019/06/12	Mid-Ebb	IS(Mf)11	9:09	Bottom	3	2	27.7	7.7	20.4	5.1		11.6		4.3	
TMCLKL	HY/2012/08	2019/06/12	Mid-Ebb	SR7	9:01	Surface	1	1	28.4	7.7	11.9	5.7	5.7	10.6	11.0	3.0	3.7
TMCLKL	HY/2012/08	2019/06/12	Mid-Ebb	SR7	9:01	Surface	1	2	28.3	7.7	11.9	5.6		10.7		3.2	
TMCLKL	HY/2012/08	2019/06/12	Mid-Ebb	SR7	9:01	Middle	2	1									
TMCLKL	HY/2012/08	2019/06/12	Mid-Ebb	SR7	9:01	Middle	2	2					5.6				
TMCLKL	HY/2012/08	2019/06/12	Mid-Ebb	SR7	9:01	Bottom	3	1	27.9	7.7	17.9	5.6		11.4		4.3	
TMCLKL	HY/2012/08	2019/06/12	Mid-Ebb	SR7	9:01	Bottom	3	2	27.9	7.7	17.9	5.6		11.2		4.3	
TMCLKL	HY/2012/08	2019/06/12	Mid-Ebb	IS17	10:12	Surface	1	1	28.1	7.8	17.0	5.6	5.4	10.6	10.7	4.4	4.9
TMCLKL	HY/2012/08	2019/06/12	Mid-Ebb	IS17	10:12	Surface	1	2	28.1	7.8	17.1	5.6		10.6		4.4	
TMCLKL	HY/2012/08	2019/06/12	Mid-Ebb	IS17	10:12	Middle	2	1	27.5	7.8	20.5	5.1		11.3		4.7	
TMCLKL	HY/2012/08	2019/06/12	Mid-Ebb	IS17	10:12	Middle	2	2	27.5	7.8	21.3	5.1	5.1	11.2		5.1	
TMCLKL	HY/2012/08	2019/06/12	Mid-Ebb	IS17	10:12	Bottom	3	1	27.0	7.8	25.8	5.1		10.3		5.3	
TMCLKL	HY/2012/08	2019/06/12	Mid-Ebb	IS17	10:12	Bottom	3	2	27.0	7.8	25.8	5.1		10.3		5.5	
TMCLKL	HY/2012/08	2019/06/12	Mid-flood	IS(Mf)11	15:07	Surface	1	1	28.5	7.8	17.2	5.8	5.5	9.0	9.9	3.6	4.3
TMCLKL	HY/2012/08	2019/06/12	Mid-flood	IS(Mf)11	15:07	Surface	1	2	28.5	7.8	17.2	5.7		9.0		4.2	
TMCLKL	HY/2012/08	2019/06/12	Mid-flood	IS(Mf)11	15:07	Middle	2	1	27.9	7.8	19.1	5.2		9.8		4.0	
TMCLKL	HY/2012/08	2019/06/12	Mid-flood	IS(Mf)11	15:07	Middle	2	2	27.9	7.8	19.0	5.2	5.1	9.9		4.1	
TMCLKL	HY/2012/08	2019/06/12	Mid-flood	IS(Mf)11	15:07	Bottom	3	1	27.3	7.8	23.3	5.1		10.9		4.6	
TMCLKL	HY/2012/08	2019/06/12	Mid-flood	IS(Mf)11	15:07	Bottom	3	2	27.3	7.8	23.3	5.1		10.9		5.1	
TMCLKL	HY/2012/08	2019/06/12	Mid-flood	SR7	15:14	Surface	1	1	27.8	7.7	21.0	5.2	5.2	10.9	11.9	3.0	3.2
TMCLKL	HY/2012/08	2019/06/12	Mid-flood	SR7	15:14	Surface	1	2	27.8	7.7	20.9	5.2		10.9		2.9	
TMCLKL	HY/2012/08	2019/06/12	Mid-flood	SR7	15:14	Middle	2	1									
TMCLKL	HY/2012/08	2019/06/12	Mid-flood	SR7	15:14	Middle	2	2					5.6				
TMCLKL	HY/2012/08	2019/06/12	Mid-flood	SR7	15:14	Bottom	3	1	27.6	7.7	22.3	5.5		12.9		3.5	
TMCLKL	HY/2012/08	2019/06/12	Mid-flood	SR7	15:14	Bottom	3	2	27.5	7.7	22.5	5.6		12.9		3.5	
TMCLKL	HY/2012/08	2019/06/12	Mid-flood	IS17	14:07	Surface	1	1	28.5	7.8	17.0	5.9	5.5	9.7	9.3	2.8	3.7
TMCLKL	HY/2012/08	2019/06/12	Mid-flood	IS17	14:07	Surface	1	2	28.5	7.8	17.0	5.9		9.7		3.0	
TMCLKL	HY/2012/08	2019/06/12	Mid-flood	IS17	14:07	Middle	2	1	27.6	7.7	20.0	5.1		9.0		3.3	
TMCLKL	HY/2012/08	2019/06/12	Mid-flood	IS17	14:07	Middle	2	2	27.6	7.7	20.0	5.1	5.1	9.0		3.5	
TMCLKL	HY/2012/08	2019/06/12	Mid-flood	IS17	14:07	Bottom	3	1	27.3	7.7	23.8	5.1		9.3		4.6	
TMCLKL	HY/2012/08	2019/06/12	Mid-flood	IS17	14:07	Bottom	3	2	27.3	7.7	23.8	5.1		9.3		4.8	

Note:

Indicates Ex 2017/11/01

Indicates Ex 2017/11/01

Project	Works	Date (yyyy-mm-dd)	Tide	Station	Start Time	Level	Lev_Cod	Replicate	Temperature (°C)	pH	Salinity (ppt)	DO (mg/L)	Average DO (mg/L)	Turbidity (NTU)	Depth-Averaged Turbidity	SS (mg/L)	Depth-Averaged SS
TMCLKL	HY/2012/08	2019/06/14	Mid-Ebb	IS(Mf)11	11:10	Surface	1	1	28.4	7.7	9.2	5.2	5.2	6.4	5.4	4.8	4.2
TMCLKL	HY/2012/08	2019/06/14	Mid-Ebb	IS(Mf)11	11:10	Surface	1	2	28.4	7.7	9.2	5.2		6.4		4.5	
TMCLKL	HY/2012/08	2019/06/14	Mid-Ebb	IS(Mf)11	11:10	Middle	2	1	28.3	7.7	9.2	5.1		4.8		4.6	
TMCLKL	HY/2012/08	2019/06/14	Mid-Ebb	IS(Mf)11	11:10	Middle	2	2	28.3	7.7	9.2	5.2	4.9	4.8		3.7	
TMCLKL	HY/2012/08	2019/06/14	Mid-Ebb	IS(Mf)11	11:10	Bottom	3	1	28.3	7.7	9.2	4.9		4.8		3.8	
TMCLKL	HY/2012/08	2019/06/14	Mid-Ebb	IS(Mf)11	11:10	Bottom	3	2	28.3	7.7	9.2	4.9		4.9		4.0	
TMCLKL	HY/2012/08	2019/06/14	Mid-Ebb	SR7	11:02	Surface	1	1	28.4	7.8	9.7	5.1	5.1	6.2	5.2	3.8	4.6
TMCLKL	HY/2012/08	2019/06/14	Mid-Ebb	SR7	11:02	Surface	1	2	28.4	7.8	9.7	5.1		6.3		4.6	
TMCLKL	HY/2012/08	2019/06/14	Mid-Ebb	SR7	11:02	Middle	2	1									
TMCLKL	HY/2012/08	2019/06/14	Mid-Ebb	SR7	11:02	Middle	2	2					4.8				
TMCLKL	HY/2012/08	2019/06/14	Mid-Ebb	SR7	11:02	Bottom	3	1	28.4	7.8	10.1	4.7		4.1		5.4	
TMCLKL	HY/2012/08	2019/06/14	Mid-Ebb	SR7	11:02	Bottom	3	2	28.4	7.8	10.1	4.8		4.1		4.4	
TMCLKL	HY/2012/08	2019/06/14	Mid-Ebb	IS17	12:12	Surface	1	1	28.5	7.8	11.1	5.2	5.0	5.0	6.8	3.5	3.9
TMCLKL	HY/2012/08	2019/06/14	Mid-Ebb	IS17	12:12	Surface	1	2	28.5	7.8	11.1	5.2		4.9		4.0	
TMCLKL	HY/2012/08	2019/06/14	Mid-Ebb	IS17	12:12	Middle	2	1	28.5	7.8	11.1	4.8		5.3		4.0	
TMCLKL	HY/2012/08	2019/06/14	Mid-Ebb	IS17	12:12	Middle	2	2	28.5	7.8	11.1	4.9	4.7	5.3		2.8	
TMCLKL	HY/2012/08	2019/06/14	Mid-Ebb	IS17	12:12	Bottom	3	1	28.6	7.8	11.2	4.7		10.2		5.1	
TMCLKL	HY/2012/08	2019/06/14	Mid-Ebb	IS17	12:12	Bottom	3	2	28.6	7.8	11.2	4.7		10.1		3.9	
TMCLKL	HY/2012/08	2019/06/14	Mid-flood	IS(Mf)11	17:18	Surface	1	1	28.4	7.9	13.7	5.1	5.0	3.9	4.3	2.4	2.6
TMCLKL	HY/2012/08	2019/06/14	Mid-flood	IS(Mf)11	17:18	Surface	1	2	28.5	7.9	13.7	5.1		4.0		3.4	
TMCLKL	HY/2012/08	2019/06/14	Mid-flood	IS(Mf)11	17:18	Middle	2	1	29.0	7.9	13.1	4.9		4.3		1.6	
TMCLKL	HY/2012/08	2019/06/14	Mid-flood	IS(Mf)11	17:18	Middle	2	2	29.0	7.9	13.1	4.9	4.8	4.3		1.9	
TMCLKL	HY/2012/08	2019/06/14	Mid-flood	IS(Mf)11	17:18	Bottom	3	1	29.5	7.9	12.7	4.8		4.5		3.6	
TMCLKL	HY/2012/08	2019/06/14	Mid-flood	IS(Mf)11	17:18	Bottom	3	2	29.4	7.9	12.7	4.8		4.5		2.5	
TMCLKL	HY/2012/08	2019/06/14	Mid-flood	SR7	17:25	Surface	1	1	28.5	7.8	12.0	5.1	5.1	4.3	5.5	3.3	3.5
TMCLKL	HY/2012/08	2019/06/14	Mid-flood	SR7	17:25	Surface	1	2	28.5	7.8	12.0	5.1		4.3		4.0	
TMCLKL	HY/2012/08	2019/06/14	Mid-flood	SR7	17:25	Middle	2	1									
TMCLKL	HY/2012/08	2019/06/14	Mid-flood	SR7	17:25	Middle	2	2					4.9				
TMCLKL	HY/2012/08	2019/06/14	Mid-flood	SR7	17:25	Bottom	3	1	28.5	7.9	11.6	4.9		6.6		2.6	
TMCLKL	HY/2012/08	2019/06/14	Mid-flood	SR7	17:25	Bottom	3	2	28.5	7.9	11.6	4.9		6.7		4.2	
TMCLKL	HY/2012/08	2019/06/14	Mid-flood	IS17	16:19	Surface	1	1	28.5	7.9	13.9	6.5	6.4	3.8	3.6	2.4	3.2
TMCLKL	HY/2012/08	2019/06/14	Mid-flood	IS17	16:19	Surface	1	2	28.6	7.9	13.8	6.5		4.0		2.3	
TMCLKL	HY/2012/08	2019/06/14	Mid-flood	IS17	16:19	Middle	2	1	29.1	7.9	12.7	6.2		3.9		4.8	
TMCLKL	HY/2012/08	2019/06/14	Mid-flood	IS17	16:19	Middle	2	2	29.1	7.9	12.7	6.2	5.7	3.7		4.3	
TMCLKL	HY/2012/08	2019/06/14	Mid-flood	IS17	16:19	Bottom	3	1	29.0	7.9	12.8	5.7		3.0		2.1	
TMCLKL	HY/2012/08	2019/06/14	Mid-flood	IS17	16:19	Bottom	3	2	29.0	7.9	12.8	5.7		3.0		3.3	

Note:

Indicates Ex 2017/11/01

Indicates Ex 2017/11/01

Project	Works	Date (yyyy-mm-dd)	Tide	Station	Start Time	Level	Lev_Cod	Replicate	Temperature (°C)	pH	Salinity (ppt)	DO (mg/L)	Average DO (mg/L)	Turbidity (NTU)	Depth-Averaged Turbidity	SS (mg/L)	Depth-Averaged SS
TMCLKL	HY/2012/08	2019/06/17	Mid-Ebb	IS(Mf)11	11:56	Surface	1	1	27.9	7.6	16.0	5.4	5.0	10.6	11.9	6.0	6.5
TMCLKL	HY/2012/08	2019/06/17	Mid-Ebb	IS(Mf)11	11:56	Surface	1	2	27.9	7.7	16.0	5.4		10.6		6.0	
TMCLKL	HY/2012/08	2019/06/17	Mid-Ebb	IS(Mf)11	11:56	Middle	2	1	27.5	7.7	18.9	4.6		12.7		5.8	
TMCLKL	HY/2012/08	2019/06/17	Mid-Ebb	IS(Mf)11	11:56	Middle	2	2	27.5	7.7	18.8	4.6	4.7	12.8		6.4	
TMCLKL	HY/2012/08	2019/06/17	Mid-Ebb	IS(Mf)11	11:56	Bottom	3	1	27.3	7.7	22.4	4.7		12.4		6.7	
TMCLKL	HY/2012/08	2019/06/17	Mid-Ebb	IS(Mf)11	11:56	Bottom	3	2	27.3	7.7	22.4	4.6		12.4		7.9	
TMCLKL	HY/2012/08	2019/06/17	Mid-Ebb	SR7	12:50	Surface	1	1	28.0	7.7	15.3	5.7	5.7	10.1	11.6	3.1	3.9
TMCLKL	HY/2012/08	2019/06/17	Mid-Ebb	SR7	12:50	Surface	1	2	28.0	7.7	15.3	5.7		9.9		3.3	
TMCLKL	HY/2012/08	2019/06/17	Mid-Ebb	SR7	12:50	Middle	2	1									
TMCLKL	HY/2012/08	2019/06/17	Mid-Ebb	SR7	12:50	Middle	2	2					5.6				
TMCLKL	HY/2012/08	2019/06/17	Mid-Ebb	SR7	12:50	Bottom	3	1	27.5	7.7	19.4	5.6		13.2		4.6	
TMCLKL	HY/2012/08	2019/06/17	Mid-Ebb	SR7	12:50	Bottom	3	2	27.5	7.7	19.4	5.5		13.1		4.7	
TMCLKL	HY/2012/08	2019/06/17	Mid-Ebb	IS17	11:47	Surface	1	1	27.9	7.8	18.0	6.4	6.0	10.0	10.9	7.5	7.4
TMCLKL	HY/2012/08	2019/06/17	Mid-Ebb	IS17	11:47	Surface	1	2	27.9	7.8	18.1	6.4		10.0		6.9	
TMCLKL	HY/2012/08	2019/06/17	Mid-Ebb	IS17	11:47	Middle	2	1	27.6	7.8	19.3	5.5		11.2		7.7	
TMCLKL	HY/2012/08	2019/06/17	Mid-Ebb	IS17	11:47	Middle	2	2	27.6	7.8	19.3	5.5	5.2	11.2		7.2	
TMCLKL	HY/2012/08	2019/06/17	Mid-Ebb	IS17	11:47	Bottom	3	1	26.9	7.7	26.2	5.2		11.6		8.0	
TMCLKL	HY/2012/08	2019/06/17	Mid-Ebb	IS17	11:47	Bottom	3	2	26.9	7.7	26.2	5.1		11.6		7.1	
TMCLKL	HY/2012/08	2019/06/17	Mid-flood	IS(Mf)11	6:46	Surface	1	1	27.6	7.7	16.7	5.3	5.1	9.9	10.6	7.0	6.0
TMCLKL	HY/2012/08	2019/06/17	Mid-flood	IS(Mf)11	6:46	Surface	1	2	27.6	7.7	16.8	5.3		10.0		6.3	
TMCLKL	HY/2012/08	2019/06/17	Mid-flood	IS(Mf)11	6:46	Middle	2	1	27.4	7.7	19.9	4.9		10.8		5.5	
TMCLKL	HY/2012/08	2019/06/17	Mid-flood	IS(Mf)11	6:46	Middle	2	2	27.4	7.7	19.6	4.9	4.8	10.8		4.8	
TMCLKL	HY/2012/08	2019/06/17	Mid-flood	IS(Mf)11	6:46	Bottom	3	1	27.4	7.7	19.8	4.8		10.9		6.1	
TMCLKL	HY/2012/08	2019/06/17	Mid-flood	IS(Mf)11	6:46	Bottom	3	2	27.4	7.7	19.7	4.8		10.9		6.1	
TMCLKL	HY/2012/08	2019/06/17	Mid-flood	SR7	6:54	Surface	1	1	27.4	7.7	19.2	5.0	5.0	11.5	12.6	5.6	5.6
TMCLKL	HY/2012/08	2019/06/17	Mid-flood	SR7	6:54	Surface	1	2	27.4	7.7	19.1	5.0		11.6		5.7	
TMCLKL	HY/2012/08	2019/06/17	Mid-flood	SR7	6:54	Middle	2	1									
TMCLKL	HY/2012/08	2019/06/17	Mid-flood	SR7	6:54	Middle	2	2					4.8				
TMCLKL	HY/2012/08	2019/06/17	Mid-flood	SR7	6:54	Bottom	3	1	27.3	7.7	22.3	4.8		13.7		5.8	
TMCLKL	HY/2012/08	2019/06/17	Mid-flood	SR7	6:54	Bottom	3	2	27.3	7.7	22.3	4.8		13.6		5.3	
TMCLKL	HY/2012/08	2019/06/17	Mid-flood	IS17	7:02	Surface	1	1	27.6	7.8	18.7	5.5	5.0	9.8	10.6	6.9	6.3
TMCLKL	HY/2012/08	2019/06/17	Mid-flood	IS17	7:02	Surface	1	2	27.6	7.8	18.8	5.5		9.8		7.2	
TMCLKL	HY/2012/08	2019/06/17	Mid-flood	IS17	7:02	Middle	2	1	27.5	7.7	20.1	4.5		10.3		5.6	
TMCLKL	HY/2012/08	2019/06/17	Mid-flood	IS17	7:02	Middle	2	2	27.4	7.7	20.1	4.5	4.8	10.4		6.4	
TMCLKL	HY/2012/08	2019/06/17	Mid-flood	IS17	7:02	Bottom	3	1	27.0	7.7	22.0	4.8		11.4		5.8	
TMCLKL	HY/2012/08	2019/06/17	Mid-flood	IS17	7:02	Bottom	3	2	27.0	7.7	21.4	4.8		11.8		5.7	

Note:

Indicates Ex 2017/11/01

Indicates Ex 2017/11/01

Project	Works	Date (yyyy-mm-dd)	Tide	Station	Start Time	Level	Lev_Cod	Replicate	Temperature (°C)	pH	Salinity (ppt)	DO (mg/L)	Average DO (mg/L)	Turbidity (NTU)	Depth-Averaged Turbidity	SS (mg/L)	Depth-Averaged SS
TMCLKL	HY/2012/08	2019/06/19	Mid-Ebb	IS(Mf)11	14:10	Surface	1	1	29.0	7.8	13.9	6.7	6.2	2.0	2.6	2.8	3.1
TMCLKL	HY/2012/08	2019/06/19	Mid-Ebb	IS(Mf)11	14:10	Surface	1	2	29.0	7.8	13.9	6.7		2.0		2.9	
TMCLKL	HY/2012/08	2019/06/19	Mid-Ebb	IS(Mf)11	14:10	Middle	2	1	28.3	7.8	23.1	5.8		2.1		3.4	
TMCLKL	HY/2012/08	2019/06/19	Mid-Ebb	IS(Mf)11	14:10	Middle	2	2	28.3	7.8	23.1	5.7	5.2	2.1		2.9	
TMCLKL	HY/2012/08	2019/06/19	Mid-Ebb	IS(Mf)11	14:10	Bottom	3	1	27.1	7.7	27.3	5.1		3.7		3.1	
TMCLKL	HY/2012/08	2019/06/19	Mid-Ebb	IS(Mf)11	14:10	Bottom	3	2	27.1	7.7	27.4	5.2		3.6		3.3	
TMCLKL	HY/2012/08	2019/06/19	Mid-Ebb	SR7	14:17	Surface	1	1	28.7	7.8	15.1	6.4	6.4	2.2	2.3	3.3	3.5
TMCLKL	HY/2012/08	2019/06/19	Mid-Ebb	SR7	14:17	Surface	1	2	28.7	7.8	15.3	6.4		2.2		3.1	
TMCLKL	HY/2012/08	2019/06/19	Mid-Ebb	SR7	14:17	Middle	2	1									
TMCLKL	HY/2012/08	2019/06/19	Mid-Ebb	SR7	14:17	Middle	2	2					5.5				
TMCLKL	HY/2012/08	2019/06/19	Mid-Ebb	SR7	14:17	Bottom	3	1	27.9	7.9	18.2	5.5		2.5		3.6	
TMCLKL	HY/2012/08	2019/06/19	Mid-Ebb	SR7	14:17	Bottom	3	2	27.9	7.9	18.2	5.4		2.4		3.9	
TMCLKL	HY/2012/08	2019/06/19	Mid-Ebb	IS17	13:14	Surface	1	1	28.5	7.9	14.7	6.3	5.9	3.6	4.1	6.5	6.7
TMCLKL	HY/2012/08	2019/06/19	Mid-Ebb	IS17	13:14	Surface	1	2	28.5	7.9	14.9	6.3		3.6		6.9	
TMCLKL	HY/2012/08	2019/06/19	Mid-Ebb	IS17	13:14	Middle	2	1	28.2	8.0	21.8	5.5		3.9		6.8	
TMCLKL	HY/2012/08	2019/06/19	Mid-Ebb	IS17	13:14	Middle	2	2	28.2	8.0	21.6	5.5	4.9	3.8		7.3	
TMCLKL	HY/2012/08	2019/06/19	Mid-Ebb	IS17	13:14	Bottom	3	1	28.0	8.0	26.9	4.9		4.9		6.1	
TMCLKL	HY/2012/08	2019/06/19	Mid-Ebb	IS17	13:14	Bottom	3	2	28.0	8.0	26.8	4.9		4.9		6.4	
TMCLKL	HY/2012/08	2019/06/19	Mid-flood	IS(Mf)11	7:12	Surface	1	1	27.7	7.7	12.7	6.3	5.9	3.1	4.6	5.0	5.7
TMCLKL	HY/2012/08	2019/06/19	Mid-flood	IS(Mf)11	7:12	Surface	1	2	27.7	7.7	12.3	6.3		3.1		5.2	
TMCLKL	HY/2012/08	2019/06/19	Mid-flood	IS(Mf)11	7:12	Middle	2	1	27.5	7.7	22.2	5.5		3.9		6.0	
TMCLKL	HY/2012/08	2019/06/19	Mid-flood	IS(Mf)11	7:12	Middle	2	2	27.5	7.7	22.8	5.5	4.9	3.9		5.6	
TMCLKL	HY/2012/08	2019/06/19	Mid-flood	IS(Mf)11	7:12	Bottom	3	1	27.3	7.7	26.9	4.9		6.7		5.9	
TMCLKL	HY/2012/08	2019/06/19	Mid-flood	IS(Mf)11	7:12	Bottom	3	2	27.3	7.7	26.9	4.9		6.8		6.4	
TMCLKL	HY/2012/08	2019/06/19	Mid-flood	SR7	7:06	Surface	1	1	27.7	7.7	12.8	6.0	6.0	4.3	4.2	4.2	4.2
TMCLKL	HY/2012/08	2019/06/19	Mid-flood	SR7	7:06	Surface	1	2	27.7	7.7	12.9	6.0		4.2		3.9	
TMCLKL	HY/2012/08	2019/06/19	Mid-flood	SR7	7:06	Middle	2	1									
TMCLKL	HY/2012/08	2019/06/19	Mid-flood	SR7	7:06	Middle	2	2					5.1				
TMCLKL	HY/2012/08	2019/06/19	Mid-flood	SR7	7:06	Bottom	3	1	27.1	7.7	16.0	5.1		4.1		4.1	
TMCLKL	HY/2012/08	2019/06/19	Mid-flood	SR7	7:06	Bottom	3	2	27.1	7.7	16.0	5.1		4.1		4.4	
TMCLKL	HY/2012/08	2019/06/19	Mid-flood	IS17	8:10	Surface	1	1	27.7	7.9	14.4	6.7	6.2	3.9	4.1	4.6	5.2
TMCLKL	HY/2012/08	2019/06/19	Mid-flood	IS17	8:10	Surface	1	2	27.7	7.9	14.4	6.7		3.9		5.1	
TMCLKL	HY/2012/08	2019/06/19	Mid-flood	IS17	8:10	Middle	2	1	27.5	7.9	23.9	5.6		4.2		4.7	
TMCLKL	HY/2012/08	2019/06/19	Mid-flood	IS17	8:10	Middle	2	2	27.5	7.9	23.9	5.6	4.9	4.1		5.0	
TMCLKL	HY/2012/08	2019/06/19	Mid-flood	IS17	8:10	Bottom	3	1	27.4	7.8	27.0	4.9		4.3		5.8	
TMCLKL	HY/2012/08	2019/06/19	Mid-flood	IS17	8:10	Bottom	3	2	27.4	7.8	27.2	4.9		4.3		6.2	

Note:

Indicates Ex 2017/11/01

Indicates Ex 2017/11/01

Project	Works	Date (yyyy-mm-dd)	Tide	Station	Start Time	Level	Lev_Cod	Replicate	Temperature (°C)	pH	Salinity (ppt)	DO (mg/L)	Average DO (mg/L)	Turbidity (NTU)	Depth-Averaged Turbidity	SS (mg/L)	Depth-Averaged SS
TMCLKL	HY/2012/08	2019/06/21	Mid-Ebb	IS(Mf)11	14:49	Surface	1	1	28.7	8.0	13.1	8.2	7.9	3.2	4.9	3.0	4.5
TMCLKL	HY/2012/08	2019/06/21	Mid-Ebb	IS(Mf)11	14:49	Surface	1	2	28.6	7.9	13.1	8.2		3.4		3.3	
TMCLKL	HY/2012/08	2019/06/21	Mid-Ebb	IS(Mf)11	14:49	Middle	2	1	28.3	7.9	15.1	7.5		4.7		4.5	
TMCLKL	HY/2012/08	2019/06/21	Mid-Ebb	IS(Mf)11	14:49	Middle	2	2	28.3	7.9	15.2	7.5	4.9	4.9		4.3	
TMCLKL	HY/2012/08	2019/06/21	Mid-Ebb	IS(Mf)11	14:49	Bottom	3	1	27.1	7.7	23.7	4.9		6.4		6.1	
TMCLKL	HY/2012/08	2019/06/21	Mid-Ebb	IS(Mf)11	14:49	Bottom	3	2	27.1	7.7	22.8	4.9		6.7		5.8	
TMCLKL	HY/2012/08	2019/06/21	Mid-Ebb	SR7	14:41	Surface	1	1	28.4	7.8	12.7	7.6	7.7	3.9	4.1	2.4	3.4
TMCLKL	HY/2012/08	2019/06/21	Mid-Ebb	SR7	14:41	Surface	1	2	28.7	7.8	12.2	7.7		3.5		2.2	
TMCLKL	HY/2012/08	2019/06/21	Mid-Ebb	SR7	14:41	Middle	2	1									
TMCLKL	HY/2012/08	2019/06/21	Mid-Ebb	SR7	14:41	Middle	2	2									
TMCLKL	HY/2012/08	2019/06/21	Mid-Ebb	SR7	14:41	Bottom	3	1	28.2	7.8	15.1	6.9	6.9	4.4		4.4	
TMCLKL	HY/2012/08	2019/06/21	Mid-Ebb	SR7	14:41	Bottom	3	2	28.1	7.8	15.6	6.8		4.6		4.4	
TMCLKL	HY/2012/08	2019/06/21	Mid-Ebb	IS17	14:28	Surface	1	1	28.6	8.0	13.6	8.4	6.8	4.8	5.6	4.6	4.9
TMCLKL	HY/2012/08	2019/06/21	Mid-Ebb	IS17	14:28	Surface	1	2	28.6	8.0	14.5	8.4		5.2		4.9	
TMCLKL	HY/2012/08	2019/06/21	Mid-Ebb	IS17	14:28	Middle	2	1	27.4	7.7	20.2	5.3		5.3		4.7	
TMCLKL	HY/2012/08	2019/06/21	Mid-Ebb	IS17	14:28	Middle	2	2	27.4	7.7	21.6	5.2	5.2	5.6		4.6	
TMCLKL	HY/2012/08	2019/06/21	Mid-Ebb	IS17	14:28	Bottom	3	1	27.3	7.7	22.4	5.2		6.3		5.0	
TMCLKL	HY/2012/08	2019/06/21	Mid-Ebb	IS17	14:28	Bottom	3	2	27.3	7.7	22.7	5.1		6.4		5.3	
TMCLKL	HY/2012/08	2019/06/21	Mid-flood	IS(Mf)11	8:33	Surface	1	1	28.0	8.0	15.1	6.8	6.6	4.2	6.9	2.3	3.4
TMCLKL	HY/2012/08	2019/06/21	Mid-flood	IS(Mf)11	8:33	Surface	1	2	28.0	8.0	15.1	6.8		4.2		2.5	
TMCLKL	HY/2012/08	2019/06/21	Mid-flood	IS(Mf)11	8:33	Middle	2	1	27.7	8.0	18.3	6.3		5.3		2.9	
TMCLKL	HY/2012/08	2019/06/21	Mid-flood	IS(Mf)11	8:33	Middle	2	2	27.8	8.0	18.2	6.3		5.1		3.3	
TMCLKL	HY/2012/08	2019/06/21	Mid-flood	IS(Mf)11	8:33	Bottom	3	1	27.4	7.9	24.2	4.9	5.0	11.2		4.5	
TMCLKL	HY/2012/08	2019/06/21	Mid-flood	IS(Mf)11	8:33	Bottom	3	2	27.5	7.9	24.1	5.0		11.2		5.0	
TMCLKL	HY/2012/08	2019/06/21	Mid-flood	SR7	8:26	Surface	1	1	28.0	7.8	14.7	5.8	5.8	4.1	6.5	3.1	3.5
TMCLKL	HY/2012/08	2019/06/21	Mid-flood	SR7	8:26	Surface	1	2	28.0	7.8	14.7	5.8		4.0		3.4	
TMCLKL	HY/2012/08	2019/06/21	Mid-flood	SR7	8:26	Middle	2	1									
TMCLKL	HY/2012/08	2019/06/21	Mid-flood	SR7	8:26	Middle	2	2									
TMCLKL	HY/2012/08	2019/06/21	Mid-flood	SR7	8:26	Bottom	3	1	27.7	7.8	20.9	4.9	4.9	8.9		3.6	
TMCLKL	HY/2012/08	2019/06/21	Mid-flood	SR7	8:26	Bottom	3	2	27.7	7.8	20.9	4.9		8.8		4.0	
TMCLKL	HY/2012/08	2019/06/21	Mid-flood	IS17	9:30	Surface	1	1	28.2	8.0	14.8	6.7	6.5	3.2	3.5	2.6	3.5
TMCLKL	HY/2012/08	2019/06/21	Mid-flood	IS17	9:30	Surface	1	2	28.2	7.9	14.7	6.7		3.1		2.7	
TMCLKL	HY/2012/08	2019/06/21	Mid-flood	IS17	9:30	Middle	2	1	28.1	7.9	15.2	6.4		3.3		3.6	
TMCLKL	HY/2012/08	2019/06/21	Mid-flood	IS17	9:30	Middle	2	2	27.9	7.9	16.0	6.3		3.3		3.8	
TMCLKL	HY/2012/08	2019/06/21	Mid-flood	IS17	9:30	Bottom	3	1	27.4	7.9	20.3	5.4	5.4	4.0		3.9	
TMCLKL	HY/2012/08	2019/06/21	Mid-flood	IS17	9:30	Bottom	3	2	27.5	7.9	19.3	5.4		3.9		4.2	

Note:

Indicates Ex 2017/11/01

Indicates Ex 2017/11/01

Project	Works	Date (yyyy-mm-dd)	Tide	Station	Start Time	Level	Lev_Cod	Replicate	Temperature (°C)	pH	Salinity (ppt)	DO (mg/L)	Average DO (mg/L)	Turbidity (NTU)	Depth-Averaged Turbidity	SS (mg/L)	Depth-Averaged SS
TMCLKL	HY/2012/08	2019/06/24	Mid-Ebb	IS(Mf)11	17:29	Surface	1	1	28.3	7.9	13.1	6.8	6.0	3.6	4.1	3.6	4.0
TMCLKL	HY/2012/08	2019/06/24	Mid-Ebb	IS(Mf)11	17:29	Surface	1	2	28.3	7.8	13.1	6.8		3.6		4.0	
TMCLKL	HY/2012/08	2019/06/24	Mid-Ebb	IS(Mf)11	17:29	Middle	2	1	27.9	7.7	19.1	5.1		4.6		3.7	
TMCLKL	HY/2012/08	2019/06/24	Mid-Ebb	IS(Mf)11	17:29	Middle	2	2	27.9	7.7	18.0	5.1	4.7	4.9		4.0	
TMCLKL	HY/2012/08	2019/06/24	Mid-Ebb	IS(Mf)11	17:29	Bottom	3	1	27.7	7.7	22.2	4.7		3.7		4.4	
TMCLKL	HY/2012/08	2019/06/24	Mid-Ebb	IS(Mf)11	17:29	Bottom	3	2	28.0	7.6	23.5	4.7		3.9		4.0	
TMCLKL	HY/2012/08	2019/06/24	Mid-Ebb	SR7	17:38	Surface	1	1	28.2	7.8	13.2	6.7	6.7	4.0	3.9	4.6	5.2
TMCLKL	HY/2012/08	2019/06/24	Mid-Ebb	SR7	17:38	Surface	1	2	28.2	7.8	13.0	6.7		3.8		4.7	
TMCLKL	HY/2012/08	2019/06/24	Mid-Ebb	SR7	17:38	Middle	2	1									
TMCLKL	HY/2012/08	2019/06/24	Mid-Ebb	SR7	17:38	Middle	2	2					6.7				
TMCLKL	HY/2012/08	2019/06/24	Mid-Ebb	SR7	17:38	Bottom	3	1	28.2	7.8	13.1	6.7		3.9		5.6	
TMCLKL	HY/2012/08	2019/06/24	Mid-Ebb	SR7	17:38	Bottom	3	2	28.2	7.8	13.1	6.7		3.8		5.9	
TMCLKL	HY/2012/08	2019/06/24	Mid-Ebb	IS17	16:25	Surface	1	1	28.3	7.8	14.3	6.6	6.5	3.7	4.2	4.7	6.2
TMCLKL	HY/2012/08	2019/06/24	Mid-Ebb	IS17	16:25	Surface	1	2	28.3	7.8	14.4	6.6		3.7		5.2	
TMCLKL	HY/2012/08	2019/06/24	Mid-Ebb	IS17	16:25	Middle	2	1	28.3	7.8	14.5	6.3		5.0		6.4	
TMCLKL	HY/2012/08	2019/06/24	Mid-Ebb	IS17	16:25	Middle	2	2	28.2	7.8	15.4	6.3	4.9	4.7		6.1	
TMCLKL	HY/2012/08	2019/06/24	Mid-Ebb	IS17	16:25	Bottom	3	1	27.6	7.7	23.0	4.8		4.2		7.1	
TMCLKL	HY/2012/08	2019/06/24	Mid-Ebb	IS17	16:25	Bottom	3	2	27.8	7.7	22.9	4.9		4.1		7.7	
TMCLKL	HY/2012/08	2019/06/24	Mid-flood	IS(Mf)11	10:34	Surface	1	1	28.5	7.9	12.5	7.0	7.0	3.2	3.4	2.9	3.4
TMCLKL	HY/2012/08	2019/06/24	Mid-flood	IS(Mf)11	10:34	Surface	1	2	28.5	7.9	12.4	7.0		3.1		2.9	
TMCLKL	HY/2012/08	2019/06/24	Mid-flood	IS(Mf)11	10:34	Middle	2	1	28.5	7.8	12.5	6.9		3.2		3.3	
TMCLKL	HY/2012/08	2019/06/24	Mid-flood	IS(Mf)11	10:34	Middle	2	2	28.5	7.8	12.6	6.9	5.9	3.1		3.1	
TMCLKL	HY/2012/08	2019/06/24	Mid-flood	IS(Mf)11	10:34	Bottom	3	1	28.1	7.8	15.2	5.9		3.9		4.2	
TMCLKL	HY/2012/08	2019/06/24	Mid-flood	IS(Mf)11	10:34	Bottom	3	2	28.2	7.7	15.7	5.8		3.8		4.0	
TMCLKL	HY/2012/08	2019/06/24	Mid-flood	SR7	10:26	Surface	1	1	28.5	7.8	12.2	6.7	6.7	3.7	4.8	3.3	3.5
TMCLKL	HY/2012/08	2019/06/24	Mid-flood	SR7	10:26	Surface	1	2	28.5	7.8	12.2	6.7		3.7		3.2	
TMCLKL	HY/2012/08	2019/06/24	Mid-flood	SR7	10:26	Middle	2	1									
TMCLKL	HY/2012/08	2019/06/24	Mid-flood	SR7	10:26	Middle	2	2					6.3				
TMCLKL	HY/2012/08	2019/06/24	Mid-flood	SR7	10:26	Bottom	3	1	28.3	7.7	13.3	6.3		6.0		3.6	
TMCLKL	HY/2012/08	2019/06/24	Mid-flood	SR7	10:26	Bottom	3	2	28.3	7.7	13.7	6.2		5.6		3.9	
TMCLKL	HY/2012/08	2019/06/24	Mid-flood	IS17	11:37	Surface	1	1	28.4	7.9	13.6	7.1	6.6	3.3	2.8	2.7	3.8
TMCLKL	HY/2012/08	2019/06/24	Mid-flood	IS17	11:37	Surface	1	2	28.4	7.9	13.8	7.1		3.2		3.1	
TMCLKL	HY/2012/08	2019/06/24	Mid-flood	IS17	11:37	Middle	2	1	28.0	7.8	17.0	6.0		2.5		3.6	
TMCLKL	HY/2012/08	2019/06/24	Mid-flood	IS17	11:37	Middle	2	2	28.0	7.8	17.3	6.0	5.5	2.6		3.7	
TMCLKL	HY/2012/08	2019/06/24	Mid-flood	IS17	11:37	Bottom	3	1	27.9	7.8	21.5	5.5		2.6		5.1	
TMCLKL	HY/2012/08	2019/06/24	Mid-flood	IS17	11:37	Bottom	3	2	27.6	7.8	21.5	5.5		2.8		4.8	

Note:

Indicates Ex 2017/11/01

Indicates Ex 2017/11/01